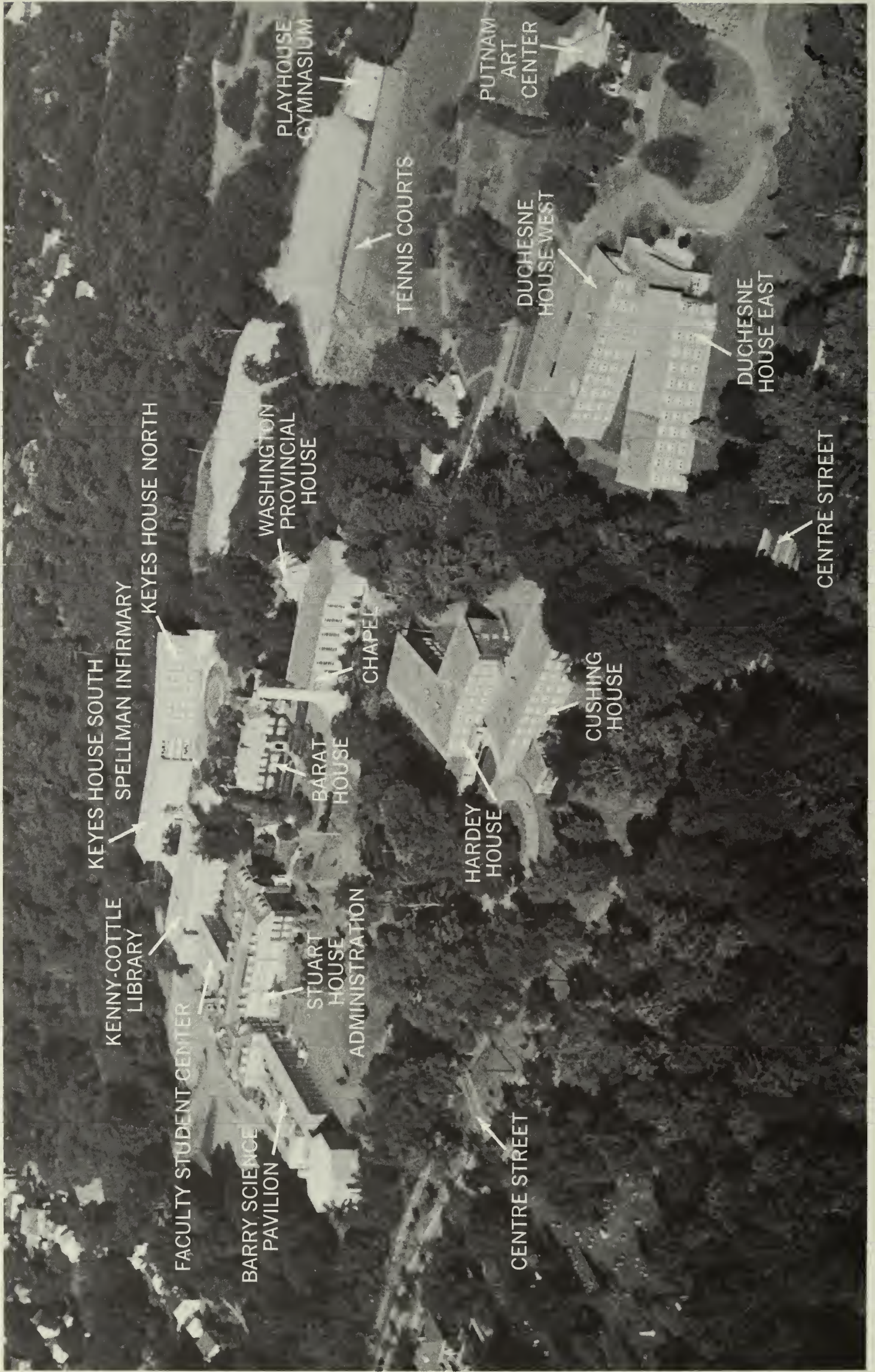


Newton College of the Sacred Heart

1969/1970





NEWTON COLLEGE
OF THE SACRED HEART
NEWTON, MASSACHUSETTS 02159

APPLICATION FOR ADMISSION

Entering in September, 19....., as Resident Student ☐ Day Student ☐

Name of applicant in full (family name first):

Place of birth: Date of birth:

Name and address of parents:
(please indicate if either parent is deceased)

.....
(number and street) (city or town) (state) (zip code)

Home telephone: Business telephone:

Father's business:

Business address:

Family references (names and addresses):

Business

Social

Relatives who are attending, or have attended Newton College of the Sacred Heart:

.....
(name) (class) (relationship)

.....
(name) (class) (relationship)

I have applied (or will do so) to the College Entrance Examination Board, Box 592, Princeton, New Jersey, for the Scholastic Aptitude Test and three Achievement Tests.

Date of College Board Test Series:

Scholastic Aptitude Test

Achievement Tests

.....
(month and year) (month and year)

Secondary schools attended (principals' names, school addresses, and dates of attendance):

.....
.....
.....
.....

Date

SIGNATURE OF PARENT OR GUARDIAN

This application should be sent to the Director of Admissions together with the application fee of \$10.



Newton College
of the
Sacred Heart
1969/1970



BULLETIN OF INFORMATION

College Calendar

ACADEMIC YEAR 1969-1970

September 10	Registration for Freshmen 1:00 P.M. to 4:00 P.M.
September 10, 11, 12	Orientation exercises for Freshmen. Attendance is required.
September 13	Registration for Seniors, Juniors and Sophomores, 10:00 A.M. to 4:00 P.M.

Classes begin on September 15 and continue through December 18 except for November 11, 26, 27, and 28 on which days there are no classes.

Reading Period: January 5 through January 11.

Semester Examination Period: January 12 through January 23.

SECOND SEMESTER

Classes begin on Monday, February 2 and continue through May 13 except for February 23, March 26 through April 5, on which days there are no classes.

Final date for depositing the complete, graded copy of the Senior Essay: March 25, 1970.

Comprehensive Examinations: April 27, 28, 29, 30, May 1.

Reading Period: May 15 through May 20.

Semester Examination Period: May 21 through June 3.

Baccalaureate Mass and Commencement: June 7.

ACADEMIC YEAR 1970-1971

September 16	Registration for Freshmen
September 19	Registration for Sophomores, Juniors and Seniors
September 21	Classes begin.

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Acquisitions Librarian

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Cataloguer

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MARY KELLEHER

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PATRICIA MALONEY

Processing Assistant

MARGARET SLAMIN

Catalog Assistant

BEVERLY SWEETNAM (MRS. GEORGE SWEETNAM)

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FRANCES DE LA CHAPELLE, R.S.C.S., M.A.

Director of Residence Life; Assistant
Dean of Students

JOAN S. NORTON, Ed.M.

Director of Admissions

ELIZABETH MOORE (MRS. WENDELL S. MOORE), B.A.

Assistant to the Director of Admissions

FRANCES A. CONNELLY, M.Ed.

Registrar

FATHER FRANCIS CONROY

Chaplain

EARL FRIOT, JR.

Director of Physical Plant

FRANCES D. MURPHY, R.S.C.J., B.A.	Executive Housekeeper
JOSEPH D. MURPHY	Director of Food Service
ARTHUR SPELLMAN	Dining Room Steward
LUCILLE KOOYOOMJIAN (MRS. GEORGE KOOYOOMJIAN)	Secretary to the President
MARY E. SHIELDS (MRS. ROBERT B. SHIELDS)	Secretary to the Academic Dean
ALICE TOBIN (MRS. JOSEPH TOBIN)	Secretary to the Faculty
CARMELA MACEWEN (MRS. WILLIAM MACEWEN)	Secretary to the Faculty
MARY PIGNATELLI (MRS. MARIO M. PIGNATELLI)	Director of College Press
ALICE MCCORRY (MRS. JAMES T. MCCORRY)	Secretary to the Director of College Development and Public Relations
ANN VAN EPPS (MRS. ROBERT J. VAN EPPS)	Secretary in the Office of Public Relations
GERALDINE KEEGAN (MRS. RAYMOND J. KEEGAN)	Secretary to the Dean of Students
JOAN LOVETT (MRS. RONALD B. LOVETT)	Secretary to the Director of Admissions
GERTRUDE LANIGAN	Secretary to the Registrar

HEALTH SERVICES

MARGARET MC DONNELL, R.S.C.J., R.N.	Director
KENNETH MACDONNELL, M.D.	College Physician
FRANCIS E. SMITH, M.D.	Attendant Physician

COLLEGE NURSES

MRS. MARGARET ANDERSON
MRS. BERNARDETTE CASTELLANOS
JUDITH A. FONG
MRS. JANE GUIFFRE
FRANCES MULLEN
HELENA TILTON

DIRECTORS OF HOUSE

SHIRLEY CONNOLLY, R.S.C.J.	Director of Cushing
FRANCES DE LA CHAPELLE, R.S.C.J.	Director of Hardey
MARGARET MCDONNELL, R.S.C.J.	Director of Keyes South
ROSLIN MOORE, R.S.C.J.	Director of Keyes North
MARTHA PELAEZ, R.S.C.J.	Director of Duchesne East
ELIZABETH WHITE, R.S.C.J.	Director of Duchesne West
FRANCES S. DONAHUE (MRS. L. M. DONAHUE)	Assistant Director of Duchesne East
DOROTHY L. HERZIG (MRS. CHARLES HERZIG)	Assistant Director of Cushing
MARGARET HIGGINS (MRS. JAMES HIGGINS)	Assistant Director of Hardey
M. JOSEPHINE KEISER	Assistant Director of Keyes North
JOSEPHINE MARTIN (MRS. HARRISON G. MARTIN)	Assistant Director of Duchesne West
MARGUERITE MC FARLAND (MRS. ARTHUR MC FARLAND)	Assistant Director of Keyes South

General Information

Newton College of the Sacred Heart, founded in 1946, shares in the educational tradition of the Society of the Sacred Heart which for more than one hundred sixty years and in every part of the world has devoted itself to the education of girls and young women. A four-year liberal arts college for about 800 young women, of whom 650 live on the campus, the College is a member of the New England Association of Colleges and Secondary Schools which accredits schools and colleges in the six New England states. Membership in one of the six regional accrediting associations in the United States indicates that the school or college has been carefully evaluated and found to meet the standards agreed upon by qualified educators. Newton College of the Sacred Heart also is a member of the College Entrance Examination Board, the American Council on Education, the Association of American Colleges, the National Catholic Educational Association and other educational associations.

The College is located on a forty-six acre campus in a residential suburb of Boston, providing the students with quiet and pleasant surroundings and the intellectual and cultural advantages of being within easy access of great universities, libraries, museums and cultural activities in and around the city of Boston. Logan Airport may be reached from the campus in twenty minutes; interstate bus routes and railroad stations are easily accessible.

The policies of the College are based on the assumption that a girl coming to Newton has had a sound intellectual and moral formation and has the capacity for self-discipline. Without the latter, she will almost invariably find herself in academic or disciplinary difficulties, because students are expected to assume responsibility for all aspects of their life. Only those regulations are imposed which are necessary to insure consideration for others. Except in serious matters, the standards of cooperation and conduct are determined and upheld by the Student Government Association and the Social Committee.

The Student Academic Council is an elected body which acts as liaison between the students and the Dean and Faculty on academic matters and which sponsors cultural activities. Among these is a series of lectures by distinguished scholars, artists and public servants which

takes place at intervals throughout the academic year. The lecture series is named in honor of Mr. David Reeves in gratitude for his generous gifts to the college library over a period of years.

The student's time is her own. She is expected so to use it that she gives full time and attention to her studies. She should also arrange that she has sufficient exercise and rest and has time for an adequate social life, which the Administration considers to be an integral part of a college experience. Any student who has the use of a car is allowed to keep it on campus, provided she pays the fee and has it registered.

The students are housed in six dormitories, members of the four classes living on each floor. For this reason most regulations apply to all students without respect to their class. This places great responsibility on the freshmen, but the upperclassmen share this responsibility with them, and give them sound advice and help in academic, social and personal matters.

More formal counseling is available from the Academic Dean and Assistant Dean on academic matters, from the Dean of Students and the Director of Residence Life, from the religious residing in each house, and from faculty members. Each student is urged to seek help from the person who she feels can understand her and give her sound advice.

Any student who feels she has a personal or emotional problem that she would prefer to discuss directly with a psychiatrist experienced in dealing with college students may use the facilities of the College Center (The College Mental Health Center of Boston, Inc., 4360 Prudential Tower, 800 Boylston Street, Boston, Massachusetts, Tel. 262-3315), where psychiatric services are available to all students. There is normally no charge to students or parents for consultation or office treatment and the College Center does *not* routinely inform the college or parents of such visits without the student's specific consent. Students may call directly for an appointment, or appointments may be made through the Infirmary. In emergencies the above number may be called any time.

The Newton College Infirmary is an 18 bed unit located on the main campus of the college and provides health services for ailments which may beset the student during the academic year and for any acute emergencies as they may arise. The Infirmary is not established for the treatment of chronic illness; therefore, in any illness which is likely to in-

volve a prolonged convalescence, it is recommended that the student return home.

Because the majority of the students come from great distances, it is recommended that any question concerning the health of a student who is a patient in the Infirmary should be directed to the physician in charge of her case.

In case of serious illness the patient will be hospitalized at St. Elizabeth's Hospital, a 440 bed major teaching hospital for Tufts University School of Medicine. There are consultants to the Infirmary at every major sub-specialty level.

It is recommended that any change in the student's health be communicated to the Infirmary Staff so better care may be rendered. The use of the Infirmary facilities is entirely optional, but if medical aid is sought elsewhere, the follow-up care should be continued wherever this treatment is instituted.

As a Catholic College, Newton has the religious formation of the students very much at heart. For this reason it provides a systematic study of religion throughout three years of college, and makes available to the students participation in the life of the Church made present in the liturgy.

THE LAFOSSE PROGRAM

The Religious of Christian Education maintain the Lafosse Training Program which is affiliated with Newton College of the Sacred Heart. The professors who teach in the program are members of the Newton College of the Sacred Heart Faculty. The courses are approved and the credit for them is given by Newton College.

THE MOUNT ALVERNIA COLLEGE PROGRAM

The Missionary Franciscan Sisters of the Immaculate Conception have arranged that some of the courses given in Mount Alvernia College are to be under the supervision of Newton College of the Sacred Heart which assumes responsibility for the choice of faculty members, the syllabus for these courses, and the giving of credit for them.

The Curriculum

The College offers a curriculum leading to the degree of Bachelor of Arts and in some instances to the degree of Bachelor of Science. It is important that, as an institution of higher learning, the College should provide the students with the study of religion that is essential to the educated Catholic in the contemporary world. All students, therefore, are required to study scripture for two semesters and religion for four semesters.

As the study of philosophy is necessary to a liberal education and assists in the understanding of religion, four semesters of philosophy are required for all students.

The first two years of the curriculum are designed to provide the student with a general educational background. The greater part of the student's time in each semester is given to an integrated course in the Study of Western Culture. This course runs through four semesters and is taken by all Freshmen and Sophomores. Its purpose is to open the mind of the student to great problems in the areas of political and social life, the arts, religion, philosophy, the sciences, and mathematics. One of the purposes of the lectures given in these various fields is to acquaint the student with the nature and method of the scholarly disciplines which deal with these areas of human life. The course does not attempt a survey of Western civilization but rather a presentation of some of the most significant problems that have faced Western man. Because of the nature of the material, no one lecturer or small group of lecturers can be expected to handle it; so the resources of the whole Faculty are called upon for the planning of the program and the giving of the lectures. From time to time professors from other campuses are invited to give lectures. The course is carried on under the supervision of the Dean with the assistance of a Coordinator. A daily lecture, a weekly reading assignment of considerable length, and an optional weekly discussion period make up the work of the course.

A reading knowledge of one foreign language shown either in a foreign language reading test or by the successful completion of two semesters' work in the language on the intermediate level is a requirement for the degree.

The Junior and Senior years are devoted principally to specializa-

tion in a major field. The purpose of the major courses is to give the student a thorough introduction to one scholarly discipline, its subject matter and its methods, so as to inculcate those intellectual habits which the discipline especially imparts. A secondary objective is to prepare the student to pursue graduate studies in the field, and in some cases to enter professional work in it.

Within the past few years, Newton graduates have attended most of the outstanding graduate schools in this country. A partial list of the American universities where they have been studying includes: Boston, Boston College, Brown, Catholic, Chicago, Columbia, Cornell, Dartmouth, Duke, Fordham, Georgetown, Harvard, Marquette, Michigan, New York, Northwestern, Ohio State, Pennsylvania, St. Louis, Stanford, Virginia, Wisconsin, and Yale. While most of the Newton graduates pursue their studies in the arts and sciences, some have received their degrees in law or medicine. The various departments of the college frequently assess their offerings in view of the changes taking place on the graduate level.

STUDY ABROAD

A student who thinks she may wish to take her junior year abroad should discuss her plans well in advance with the Assistant Academic Dean and with one or more professors in her major field.

A student considering study abroad should note particularly that the responsibility for planning and carrying through a program of study abroad rests with her. Unless she has secured complete approval of her plan before she goes abroad, she will not be allowed to return to Newton as a member of her original class. The fact that a plan has been approved should not be taken to mean that the Administration of the College is responsible for seeing that it is implemented. Problems related to housing, financing, securing tutors, etc. are in the hands of the student; also, no changes in Newton's schedules of classes or course requirements will be made to accommodate the student's needs. Finally, the student should bear in mind that if unforeseen circumstances prevent her fulfilling her program, she will not be able to complete her work for the degree by the date at which she would normally have graduated.

SUMMER STUDY

Summer Study, either in the United States or abroad, is allowed and sometimes advised. Courses taken in summer school may count as

upper-division courses in a major field if the student passes Newton College’s examination in the subject matter of the course. In the same way, a course taken in summer school may replace one of the courses required for the degree if the student passes Newton College’s examination in the subject. Credit will be transferred from any accredited college or university for a course in which the student has received a grade of C– or above.

The grading system is as follows:

A+	= 99, 98, 97 %	}	Excellent work
A	= 96, 95, 94		
A–	= 93, 92, 91, 90		
B+	= 89, 88, 87	}	Very good work
B	= 86, 85, 84		
B–	= 83, 82, 81, 80		
C+	= 79, 78, 77	}	Good work
C	= 76, 75, 74		
C–	= 73, 72, 71, 70		
D+	= 69, 68, 67	}	Passing work
D	= 66, 65, 64		
D–	= 63, 62, 61, 60		
F	= Below 60		Failure

Good scholastic standing consists in having a cumulative passing average. A student whose cumulative average falls below C– will be dropped from the college for poor scholarship, unless in the case of a Freshman an exception is made at the end of the first semester. (The cumulative average is found by taking the average of the semester averages to date.) A student who has been dropped for poor scholarship may be readmitted in certain circumstances and at the discretion of the Administration, provided she has maintained an average of B– (80%) for two or three semesters at another accredited four-year liberal arts college.

Students are expected to attend all their classes. They are considered to be mature and responsible enough to absent themselves from class only in the case of illness. Parents are requested not to expect students to extend the vacation or be absent from several days of classes in the course of a semester in order to travel or attend social functions. Absence from classes, laboratory periods, and seminars will

sometimes lower a student's grade in the course as will absence from classes at which a test is given.

Each student is expected to be aware of her academic standing: her cumulative average, completion of courses required for the degree, fulfillment of the requirements in upper-division courses in her major field. For this reason, it is the policy of the Administration not to issue routine warnings on academic standing to students or their parents. However, every kind of assistance will be given by members of the Administration and the Faculty to students who seek it, and inquiries from parents about their daughter's work will always be welcomed.

When the student has entered Junior year she should begin to consider the degree requirements which she may still have to fulfill. If she has not passed a foreign language reading test, she must take the equivalent of two semesters' study of a language on the intermediate level. Other requirements include the accumulation of one hundred twenty-eight credits; the passing of all required courses; the earning of a grade of C or above in eight upper-division courses in the major field, in the Senior Essay and comprehensive examinations, and the fulfillment of whatever other requirements may be made in the student's major field.

During the college course, students on the Dean's List are those who during the previous semester have maintained a scholastic average of B+. Honors students are those who during the previous semester have maintained a scholastic average of A— or more. The college confers honors at graduation upon students who have maintained a high level of scholastic achievement during their entire course. The scholastic average required for a degree *cum laude* is 87%; for *magna cum laude*, 92%; for *summa cum laude*, 95%. In addition, she must have a minimum grade of B— on her Comprehensive Examination. These honors are based entirely upon scholarship. Membership in honor societies is given according to the regulations of the societies. Chapters of Kappa Gamma Pi and Phi Alpha Theta are established on the campus.

The Trustees of Newton College offer each year an award to the Sophomore having the highest cumulative average for the two years of the Study of Western Culture. The award is a fellowship for the study of Far Eastern Culture at Sophia University in Tokyo for the summer session, and includes the travel and living expenses of the student, as well as her tuition.

Scholastic standards are the object of constant solicitude. Admission to the college is granted only to well-qualified students who have attained more than average success in their secondary-school studies. Remaining in college depends on scholastic achievements as well as on satisfactory conduct. The college will drop any student whose cumulative average falls below 70%, and it may request the withdrawal of any student whose behavior is not in accord with the standards required by the college. Whatever action is taken regarding admission and retention of students results, then, from a concern for the maintenance of a standard of excellence in every aspect of college life.

ADMISSION

Students who wish to apply to Newton College of the Sacred Heart should write to the Director of Admissions. She is always glad to answer inquiries from students, their parents, or their schools about admission requirements and the procedures for applying.

A personal interview at the College is desirable; it is expected of those applicants who live within a reasonable distance of the campus. Secondary school students and their parents who wish an interview should write or telephone the Director of Admissions, Newton College of the Sacred Heart, Newton, Massachusetts, 02159 (Tel. 617 332-6700).

ADMISSION TO FRESHMAN CLASS

To be considered for the Freshman Class an applicant must

1. file her application before February 15 of her senior year in high school.
2. offer sixteen high school units in academic subjects.
3. rank in the upper half of her class.
4. submit acceptable scores in the Scholastic Aptitude Test of the College Entrance Examination Board and in three CEEB Achievement Tests, one of which must be English.*
5. have her principal's recommendation.
6. be interviewed if possible.

The Committee on Admissions holds monthly meetings at which

*Candidates are responsible for registering with the College Entrance Examination Board for the tests. Information about the tests, test centers, fees and dates may be obtained by writing to College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or P.O. Box 27896, Los Angeles 27, California.

decisions are made regarding candidates whose credentials are complete at that time.

EARLY DECISION PLAN

This plan is intended for the student with a very strong record whose first choice of colleges is Newton College of the Sacred Heart. She must file by November first of her Senior year an application for admission, a statement obtained from the College that she is a candidate under the Early Decision Plan, and all supporting credentials (a recommendation from her high school, her three-year high school record, and appropriate College Board scores). Application for financial aid, if needed, must be filed at the same time.

Decisions concerning admission and financial aid will be mailed on December first. The student who is assured of admission is expected to make her decision by January 15th on which date her deposit of \$150 is due if she wishes to reserve a place at Newton College of the Sacred Heart.

ADVANCED PLACEMENT TESTS

Advanced standing is given to students who receive scores of 4 or 5 in the Advanced Placement Tests of the College Entrance Examination Board whenever the college curriculum allows it. Incoming Freshmen should write to the Assistant Dean before September about the advisability of taking advanced placement tests given by Newton College in sciences, languages and mathematics.

Note: An alumnae profile and an applicant profile are included on the last pages of this catalogue.

Degree Requirements

BACHELOR OF ARTS

The Bachelor of Arts degree requires completion of a minimum of 128 credits with an average grade of at least C—. These credits must include the passing of the following courses:

Religion courses: six semesters, including Rel 1 through 4.

Four semesters of Philosophy as indicated on page 61.

The Study of Western Culture, RG 1-2, 3-4

English Composition, Eng 1-2

Basic Scientific Concepts, Sci 1-2, or one of the following combinations of science courses: Phy 1 and Sci 2; Sci 1 and Psy 4; or Phy 1 and Psy 4. Biology, Chemistry, Mathematics, Physics and Psychology majors need not fulfill this science requirement.

BACHELOR OF SCIENCE

The requirements for the Bachelor of Science degree are the same as those for the B.A. except that these students are required to take three semesters of religion, two semesters of philosophy and have no foreign language or English requirement. Ordinarily the Bachelor of Science degree is earned by registered nurses who wish to go on to baccalaureate status. Students coming from nursing schools affiliated with a university may request transfer credit for any academic courses in which they have received a grade of C or better. Others can receive credit in academic courses only by examination. Credit for General Psychology and General Chemistry may be given to those who rank in the 75th percentile in the special college level examinations in these subjects offered by the College Entrance Examination Board. Credit otherwise must be acquired by examination given by the Departments in which the candidate requests that her nursing school courses be evaluated.

MAJOR FIELDS OF STUDY

Individual departmental requirements of a major field of study selected from any one of the following:

American Studies	Mathematics
Art	Modern Languages
Biology Sciences	Philosophy
Chemistry	Physics
Classics	Political Science
Economics	Psychology
English	Religion
French	Russian
German	Sociology
History	Spanish
Italian	

In addition, a student must exhibit a facility in a foreign language in any of the following ways:

1. A student who has achieved a grade of 3 in a College Entrance Examination Board Advanced Placement Examination in a language other than English may offer it in fulfillment of this requirement.

2. The student may pass a language proficiency examination. This examination will be offered once, at the beginning of each academic year. Its content is to be determined by each language department, but will presuppose achievement at a college intermediate level. A student is eligible to take the examination only in her freshman and sophomore year.

3. The student may take two semesters of a language at Newton on the intermediate level. This means that a student who begins a language at Newton will take four semesters. A student who has not passed the language examination at the beginning of her sophomore year, and who intends to take a new language, obviously must begin to do so no later than the beginning of her junior year. No student may fulfill her language requirement by taking a course on a pass-fail basis.

Finally, she must satisfactorily complete a senior essay or project pertinent to her major and pass a comprehensive examination in that field with grades of C or better.

COURSES OF INSTRUCTION

Courses with a double number, for example Art 31-32, extend through two semesters. Odd-numbered courses are given in the first semester;

even-numbered courses in the second. Courses with a catalogue number of 30 or higher carry upper-division credit for students majoring in that department. The number in parentheses after the title of the course indicates the number of semester hours of credit. Courses are offered only if a sufficient number enroll for them.

AMERICAN STUDIES

The student in American Studies must have a grade C or better in twelve semester courses, including Am 5-6, His 73-74 and Am 89-90, chosen to prepare her for the comprehensive examinations which are divided as follows: (1) social and intellectual history of the United States; (2) economic and political history of the United States and American Government; (3) American culture (art, literature, philosophy, etc.); (4) the Advanced Test in History of the Graduate Record Examinations. The student must write a satisfactory Senior Essay in the American field to complete the requirements of the program. Courses recommended for students in American Studies include the following history courses: His 75-76, and 79-80, as well as the courses listed below.

AM 5-6 AMERICAN CIVILIZATION (4, 4)

Mr. Conway

Describes and analyzes the evolution of American Society with emphasis on those cultural forces which have helped to promote social change. Students will be required to read independently in order to develop a command of historical fact and theory as well as an appreciation of the development of American civilization.

AM 89-90 AMERICAN STUDIES SEMINAR (4, 3)

Mr. Flannagan, Mr. Conway

An examination in depth of certain significant political, economic, social, intellectual and diplomatic developments of American society with an emphasis on the modern period. This will involve training in historical research, extensive reading, oral reports and class discussion. A paper is required. Emphasis is on class participation and reading. Students without prior preparation in American history will be admitted to this course only with permission of the instructors.

ART 41-42 AMERICAN ART (3, 3)

Mr. Marcus

See page 34 for description.

ART 63-64 MODERN ARCHITECTURE (2, 2)

Mr. Sainsbury

See page 35 for description.

EC 38 AMERICAN POLITICAL ECONOMY (3)

Mr. Conway

See page 45 for description.

ENG 28 POST WORLD WAR II BRITISH AND AMERICAN NOVEL (2)

Sister Maguire

See page 47 for description.

ENG 92 MODERN NOVEL (3) See page 48 for description.	<i>Sister Maguire</i>
ENG 94 MODERN DRAMA (3) See page 48 for description.	<i>Sister Maguire</i>
ENG 115-116 SURVEY OF AMERICAN LITERATURE (3, 3) See page 49 for description.	<i>Mrs. McCay</i>
HIS 75-76 AMERICAN FOREIGN POLICY (3, 3) See page 57 for description.	<i>Mr. Flannagan</i>
HIS 77-78 A POLITICAL HISTORY OF 20TH CENTURY UNITED STATES, 1900-PRESENT (3, 3) See page 57 for description.	<i>Mr. Flannagan</i>
PHIL 45 AMERICAN PHILOSOPHY (3) See page 64 for description.	<i>Mr. Curran</i>
PS 33-34 AMERICAN GOVERNMENT (3, 3) See page 68 for description.	<i>Mr. Conway</i>
PS 37-38 AMERICAN POLITICAL THOUGHT (3) See page 69 for description.	<i>Sister McMullen</i>
PS 43 AMERICAN POLITICAL PARTIES (3) See page 69 for description.	<i>Mr. Conway</i>
PS 44 STATE AND LOCAL GOVERNMENT IN THE UNITED STATES (3) See page 69 for description.	<i>Mr. Conway</i>
SOC 40 URBAN SOCIOLOGY (3) See page 83 for description.	<i>Mr. Schneider</i>
SOC 41 SOCIOLOGY OF OCCUPATIONS (3) See page 83 for description.	<i>Mr. Schneider</i>

ART

Art majors normally choose a concentration in either History of Art or studio work. All art majors are requested to keep open one evening a week (to be specified) which will be used for discussions, lectures, and other activities relevant to their interests.

Requirements for History of Art majors: Art 1-2 and AS 11-12 in the Freshman year; Art 3-4 and AS 1-2 or AS 13-14 in the Sophomore year; a minimum of ten semesters in upper-division lecture courses each completed with a grade of C or better; a satisfactory essay in the area of the student's choice; and the passing of a comprehensive examination according to the form determined by the Department. Students are recommended to have a sufficient language facility to be

able to do serious research. French, German, or Italian is recommended.

Requirements for Studio majors: AS 1-2 and AS 11-12 in the Freshman year; AS 13-14 in the Sophomore year; AS 15-16 also is taken normally in the Sophomore year but another course may be substituted with the permission of the Chairman. AS 31-32 in the Junior year; Art 1-2, Art 3-4; a minimum of ten semesters in upper-division courses all of which must be passed with a grade of C or better; a satisfactory creative project in lieu of the Senior Essay; and the passing of a comprehensive examination according to the form determined by the Department. Seniors should have prepared a portfolio of their best representative work. Underclassmen should likewise maintain a portfolio which they should be able to submit upon the request of the Department.

LECTURE COURSES

ART 1-2 HISTORY OF ART I (3, 3) *Mr. Marcus*
A survey of art history from prehistoric times through the Renaissance.

ART 3-4 HISTORY OF ART II (3, 3) *Mr. Marcus*
A survey of European art from the High Renaissance to the present.

ART 31-32 PREHISTORIC AND ANCIENT ART (3, 3) *Mr. Steczynski*
Art of Western Europe and the Mediterranean Basin through the classical period.

ART 33-34 MEDIEVAL ART (3, 3) *Mrs. Fergusson*
Art from the early Christian through the late Gothic period.

ART 35-36 ITALIAN RENAISSANCE ART (3, 3) *Mrs. Fergusson*
Italian art of the fifteenth and sixteenth centuries.

ART 37-38 BAROQUE ART (3, 3) *Mr. Steczynski*
The development of the Baroque in Rome and its diffusion through Europe. Offered 1970-71.

ART 39-40 MODERN ART (3, 3) *Mrs. Fergusson*
Art from Post-Impressionism to the present.

ART 41-42 AMERICAN ART (3, 3) *Mr. Marcus*
First Semester: The arts in America prior to the Civil War. *Second Semester:* 1865 to the present.

ART 43-44 FAR EASTERN ART (3, 3) *Mr. Marcus*
First Semester: Buddhist sculpture in India, Indonesia, China and Japan. *Second Semester:* Chinese and Japanese painting and Japanese block prints. Offered 1970-71.

ART 51 ORIGINS OF CHRISTIAN ART (3)

Mr. Finney

An investigation of the major sources of Christian art from the catacombs (end of the second century) through the Age of Justinian (end of the sixth century). Offered 1970-71.

ART 61-62 MODERN ARCHITECTURE (2, 2)

Mr. Sainsbury

Visual, ethical, historical and practical aspects of 20th century architecture. *First Semester:* European architecture. *Second Semester:* American architecture and environmental design.

ART 63-64 HISTORY OF THE FILM (2, 2)

Mr. Ostrach

A survey of the film with emphasis on its cultural and sociological significance. Includes an introduction to techniques necessary for film analysis. Offered 1970-71.

ART 65-66 FILM GENRE (2, 2)

Mr. Ostrach

An intensive study of major genres: the comedy, the horror film, the western, the experimental film, the star film.

ART 81-82 PHILOSOPHY OF ART (2, 2)

Mr. Steczynski

A chronological analysis of theories of art and beauty as they relate to creative expression.

ART 83-84 ART AS SYMBOL (2, 2)

Mr. Steczynski

A study of the nature and structure of symbol as developed in the psychology of Jung, followed by the analysis of the arts of various periods as attempts to give symbolic definition to man's relationship with the cosmos. Offered 1970-71.

ART 87-88 SENIOR ART SEMINAR (1, 1)

Mr. Steczynski

A course to integrate the students' experiences in various areas and relate them to the development of the senior essay project and comprehensive. Not to be included as one of the required upper-division courses. Graded on a Pass/Fail basis.

STUDIO COURSES

Studio courses require a total of three work hours for each credit hour. Normally only one or two of these are supervised class time. Non-art majors must have the permission of the instructor to take courses numbered through 29; for courses above this level, they require the permission of the Chairman as well. In courses with limited enrollment, preference will be given to art majors. The college reserves the right to retain any work done for credit.

AS 1-2 DRAWING AND PAINTING I (3, 3)

AS 1a

Mr. Steczynski

Analysis of non-representational elements in structured and intuitive drawing and its application to representational drawing. Practice in control and spontaneity.

AS 1b

Mrs. Livingstone

A study of the elements of visual organization in a variety of two-dimensional materials. Readings, material, and assignments required. Twentieth century concepts will be considered in historical context.

AS 2a

Mr. Solomita

Freehand drawing—a direct interpretation of visual reality, natural as well as made, employing various media—investigation of experimental techniques and approaches to drawing. Two sketchbooks.

AS 2b

Mr. Marcus

A series of four paintings in oil; a two-dimensional design; simple forms in space; a still life; and a portrait.

AS 11-12 SEMINAR I (3, 3)

Mr. Laliberté

An orientation course which relates the visual experience to life and to visual expression.

AS 13-14 BASIC DESIGN (3, 3)

Mr. Solomita

The exploration of formal possibilities arising out of the nature of the various materials used.

AS 15-16 SEMINAR II (3, 3)

Mr. Laliberté

An intermediate workshop employing various media.

AS 21-22 WEAVING (3, 3)

Mme. de Lacoste

Introduction to the basic weaving patterns and the making of simple pieces on 14" hand looms with at least one large project on 45" foot looms; experimenting with patterns, figures, textures, and materials.

AS 23-24 CERAMICS (3, 3)

Sister Geoghegan

Fundamental training in clay work: coil and slab projects, wheel throwing, and the use of slips and glazes.

Advanced courses require a corresponding basic course as a prerequisite.

AS 31-32 ADVANCED DRAWING (2, 2)

Mr. Courtois, Mrs. Livingstone

Drawing problems, predominantly from the live figure.

AS 33-34 ADVANCED PAINTING (3, 3)

Mr. Marcus

Work in oil and encaustic aimed at mastery of technique and of more complex subject matter.

AS 35-36 ADVANCED THREE-DIMENSIONAL DESIGN (3, 3)

Mr. Solomita

Complex problems and solutions involving plastic unity of form.

AS 41-42 EXPERIMENTAL PROJECTS I (3, 3)

Mr. Laliberté

An advanced course involving exploration of new media and techniques, group projects, and concentration on personal observation and expression.

AS 43-44 EXPERIMENTAL PROJECTS II (3, 3)

Mr. Laliberté

A continuation of AS 41-42.

AS 45-46 BASIC PHOTOGRAPHY (3, 3)

Mr. Jungels

Introduction to the use of camera and dark room equipment. Problems involving use of texture, light, valves, etc.

AS 47-48 BASIC FILM MAKING (3, 3) *Mr. Jungels*
Problems in painting on film (line, color, and mass in motion) and animation, leading to actual camera work and the use of film making equipment.

AS 51-52 WEAVING (3, 3) *Mme. de Lacoste*
More advanced problems in weaving.

AS 53-54 CERAMICS (3, 3) *Sister Geoghegan*
More advanced problems in ceramics.

AS 61-62 ENVIRONMENTAL DESIGN (3, 3) *Mr. Solomita*
A preparatory course in architectural techniques, urban design, landscaping and allied subjects.

AS 63-64 ENVIRONMENTAL DESIGN (3, 3) *Mr. Solomita*
A continuation of AS 61-62 on a more advanced level.

AS 69-70 GRAPHICS (3, 3) *Sister Garcia*
Relief and stencil printing. A course in printing from raised surfaces and stencil templates. Use of wood, masonite and plastic; inking, printing and registration methods. Stress on woodcuts during the fall semester, serigraphy in the spring.

AS 81-82 ADVANCED TUTORIAL (3, 3) *The Department*

AS 83-84 ADVANCED TUTORIAL (3, 3) *The Department*
Intensive work in a specific area under the direction of a mentor. More than one area may not be pursued simultaneously. The work, though it may relate to the senior project, may not be submitted as a part of it. Students taking advanced tutorial should inform the Chairman in writing. Graded on a Pass/Fail basis.

BASIC SCIENTIFIC CONCEPTS

SCI 1-2 BASIC SCIENTIFIC CONCEPTS (3, 3) *Mr. Kamoski*
Study of the fundamental concepts and theories of physical and biological sciences. Matter and energy; motion and force; laws of gravitation, planetary motion, and conservation; work and power; temperature and electromagnetism; light and electricity; modern views on space and time. States, composition, and properties of matter. Basic concepts and the foundations of modern biology. Introduction to the study of the planetary system. Two lectures and one discussion section per week. Recommended for all students with the exception of Biology, Chemistry, Mathematics, Physics, and Psychology majors.

BIOLOGICAL SCIENCES

Requirements for majors: BIO 1-2, BIO 31-32, BIO 33, BIO 35, BIO 44, BIO 49-50. At least *one* elective course must be taken from any of the other biology offerings. It is strongly recommended that those students planning to go to a medical school or a graduate school in science take MATH 15-16, CHEM 43, and PHY 22. Students are required to complete a minimum of 23 credits with a grade of C or better beyond the BIO 1-2 level.

BIO 1-2 CELL TO ORGANISM (4, 4) Mrs. Albert, Mr. Belamarich, Mr. Botticelli,
Mrs. Kiely

Study of the patterns of organization through which molecules, organelles, cells and tissues give living organisms their basic properties. *Fall semester*: cell biology integrated with the elements of biochemistry and cell physiology. *Spring semester*: principles of developmental biology, whereby the information from genetic material is translated into form and function during the individual life spans of plants and animals. Three lectures and one two-hour laboratory.

BIO 31-32 COMPARATIVE VERTEBRATE MORPHOGENESIS (4, 4) Mrs. Albert

A comparative morphological and embryological study of the vertebrates. Evolutionary changes in vertebrate structure from the protochordates through representative members of all the vertebrate classes will be studied. Emphasis will be placed on understanding the underlying principles behind these morphogenetic events. Two lectures and two two-hour laboratories.

BIO 33 GENERAL GENETICS (3) Mrs. Kiely

The principles of genetics and their relation to fundamental biological problems. Discussion of the molecular basis of heredity, the nature, transmission and action of genetic material as derived from experimental work with higher plants, animals, and microorganisms. Two lectures and one two-hour laboratory.

BIO 34 TOPICS IN ADVANCED GENETICS (3) Mrs. Kiely

This course is designed for students who have taken BIO 33 and who wish to deepen their knowledge in some of the problems of genetic research today. Each student will pursue an independent study of a topic of her choice. She will then submit a complete bibliography of the subject and present a paper for discussion by the whole class. Offered 1970-71.

BIO 35 HISTOLOGY (4) Sister Cunningham

The microscopic anatomy of tissues as related to function. This will include classical methods of study as well as modern research techniques such as cryobiology and histochemical enzyme studies. Three lectures and one two-hour laboratory.

BIO 36 MODERN MICROBIOLOGY (4) Sister Cunningham

A biochemical approach to the nature of microorganisms: bacteria and virus. Study of microbial adaptation in ecological systems and limitations to adaptation; identification of bacteria from different environments. Three lectures and one two-hour laboratory.

BIO 41 CYTOLOGY (3) Sister Cunningham

Fine structure of cellular and subcellular systems. Methods for studying cells and cell phenomena and interpretation of observations. Laboratory will be oriented toward techniques used in investigation of problems in cell biology, squash procedures, radiation cytogenetics, tissue culture, and phase contrast microscopy. Two lectures and one two-hour laboratory.

BIO 44 CELLULAR PHYSIOLOGY (3) Mr. Belamarich, Mr. Botticelli, Mr. Levy

A biochemical and biophysical approach to the cell as the biological common denominator. Includes cell physiology of both plants and animals. Offered 1970-71.

BIO 46 COMPARATIVE SYSTEMATIC PHYSIOLOGY (3) *Mr. Belamarich,
Mr. Botticelli*

A comparative approach to functions of organs and organ systems in the invertebrates and vertebrates with special emphasis on regulatory mechanisms.

BIO 48 ENDOCRINOLOGY (3) *Mr. Belamarich, Mr. Botticelli, Mr. Levy*
A comprehensive review of cellular and systemic humoral agents and their regulations. Includes both plant and animal hormones. Offered 1971-72.

BIO 49-50 SENIOR RESEARCH (6) *The Department*
All students will present a senior paper on their research supervised by the staff. Seniors should consult with a faculty member concerning their senior thesis and submit an outline of the thesis to the department for approval by the third Thursday in October. The outline should give the objective and how that objective will be accomplished. The outline should be signed by the faculty advisor. The department will review the outline and recommend appropriate action.

CHEM 11-12 PRINCIPLES OF MODERN CHEMISTRY (4, 4) *Chemistry Department*
See page 41 for description.

CHEM 13-14 PRINCIPLES OF ORGANIC CHEMISTRY (4, 4) *Miss Naves*
See page 41 for description.

MATH 15-16 CALCULUS I (3, 3) *Mrs. Bakke*
See page 58 for description.

PSY 12 INTRODUCTION TO PSYCHOLOGICAL STATISTICS (3) *Miss Hoffman*
See page 73 for description.

PHY 11-12 FUNDAMENTAL LAWS OF PHYSICS (4, 4) *Miss Weeks*
See page 66 for description.

BIOLOGICAL RESEARCH TRAINEE PROGRAM

The Biology Department of Newton College is participating in the oral research program of Science Resources Foundation, an independent, private, non-profit organization located in nearby Cambridge. In general, S.R.F. was organized to pursue and to search for new knowledge useful for the advancement and improvement of human health and welfare. A substantial portion of S.R.F.'s research program is sponsored and funded by the United States Public Health Service and the Council for Tobacco Research, U.S.A. It is under the direction and supervision of Dr. Bertram Eichel and Dr. H. Arto Shahrik of S.R.F.

With S.R.F. providing some needed financial assistance for the purpose, the Biology Department of Newton College may select several deserving and interested students to be trained and to assist in this research during their senior year. In addition, S.R.F. has provided two student summer research fellowships, each with a stipend of \$400.00, for training within S.R.F.'s laboratories.

CHEMISTRY

Requirements for majors: Freshman year: MATH 15-16, PHY 1, CHEM 2a & 2b; Sophomore year: MATH 25-26, CHEM 3a & 3b,

CHEM 30; Junior year: CHEM 31-32, CHEM 33, CHEM 34, PHY 22 and either GER 1-2 or RUS 1-2; Senior year: CHEM 43, CHEM 46, and either GER 3-4 or RUS 3-4. The taking of one or two electives in the major field or in a related field is highly recommended. In addition to the above requirements, a student must pass a series of comprehensive examinations and submit an approved research thesis. A minimum grade of C should be maintained for courses numbered 30 and above.

CHEM 2A INTRODUCTORY INORGANIC AND PHYSICAL CHEMISTRY (3) *Mrs. Loud*
Study of the fundamental laws of chemistry, atomic and molecular structure, theory of bonding, states of matter. Three lectures.
Prerequisite: Phy. 1 and Math 15.

CHEM 2B QUALITATIVE ANALYSIS (1) *Mrs. Loud*
One three-hour laboratory. Analysis of ions.

CHEM 3A INTRODUCTORY INORGANIC AND PHYSICAL CHEMISTRY (3) *Mrs. Loud*
A continuation of Chem 2a with emphasis on introductory thermodynamics, acid-base theory, equilibrium and kinetics. Three lectures.

CHEM 3B INTRODUCTORY QUANTITATIVE ANALYSIS (1) *Mrs. Loud*
One three-hour laboratory including acid-base titrations, precipitation methods, complex reactions, and colorimetric determinations.

CHEM 30 PHYSICAL METHODS OF ANALYSIS (4) *Mrs. Loud*
A study of some of the more common analytical procedures in modern Chemistry such as chromatography, extraction procedures, potentiometric and spectrometric methods. Two lectures and one four-hour laboratory.

CHEM 31-32 PHYSICAL ORGANIC CHEMISTRY (6, 6) *Miss Naves*
Structure and mechanism of reactions, functional groups. Four lectures and one four-hour laboratory, including both synthesis and identification of compounds. Both qualitative and quantitative methods. Determinations of structure.

Prerequisite: Chem 3a. Co-requisite: Chem 33-34

CHEM 33 THERMODYNAMICS (4) *Mrs. Bakke*
A study of the three laws of thermodynamics and their applications in relationship to the states of matter.
Prerequisite: Math 25-26.

CHEM 34 CHEMICAL KINETICS, EQUILIBRIUM, ELECTROCHEMISTRY (4) *Mrs. Bakke*
Study of the rate of reactions, equilibrium state in ideal and non-ideal systems and principles of electrochemistry. Four lectures.

CHEM 41 INSTRUMENTAL ANALYTICAL CHEMISTRY (4) *Mrs. Loud*
Study of the principles underlying instrumental analysis, including topics in potentiometry, polarography, and spectrometric methods. Two lectures and one four-hour laboratory. Last offering 1969-70.

CHEM 46 ESSAY SEMINAR (1)

The Department

This course is designed to acquaint the student with the scientific literature and teach her critical reading, experiment planning as well as scientific writing and presentation of papers.

Chemistry majors should elect at least one course each semester from the following electives.

CHEM 42 QUANTUM CHEMISTRY (3)

Mrs. Bakke

An introduction to the fundamentals of quantum mechanics. Topics to be discussed include black body radiation and the transition from classical mechanics, the uncertainty principle, the Schrodinger equation, the harmonic oscillator, the potential well, operator formation, Fourier technique, angular momentum and central force, the hydrogen atom, matrix representation and approximate methods. Three lectures. Offered 1969-70.

CHEM 43 BIOCHEMISTRY (4)

The Department

A study of the chemistry of biochemical compounds, enzymes with introduction to metabolic pathways. Three lectures, one three-hour laboratory.

CHEM 44 RADIOCHEMISTRY (3)

Mrs. Bakke

An introduction to the subject of radiation including a discussion of fundamental particles, nuclear formation, nuclear fission and fusion, measurement of radiation and the effects of radiation on both inorganic and organic substances. Three lectures.

CHEM 48 ADVANCED INORGANIC CHEMISTRY (2)

Mrs. Loud

A study of the physical and chemical properties of the elements, atomic structure, acid-base properties, coordination compounds. Two lectures.

CHEM 50 CARBOHYDRATE CHEMISTRY (2)

Miss Naves

A study in depth of carbohydrates, their reactions, determination of structure. Two lectures. Offered 1969-70.

The following courses are open to non-majors:

CHEM 11-12 PRINCIPLES OF MODERN CHEMISTRY (4, 4)

The Department

Theory of solutions, colloids, acids, bases and buffers, oxidation reduction, chemical kinetics and equilibrium as well as their applications to the various fields of science through analytical methods. Three lectures and one two-hour laboratory.

CHEM 13-14 PRINCIPLES OF ORGANIC CHEMISTRY (4, 4)

Miss Naves

An introductory course in organic chemistry. Three lectures and one two-hour laboratory.

CLASSICS

Requirements for majors in Classics: Cl G 1-2, Cl L 9, Cl L 10, plus eight upper-division courses. Of these eight, two must be in Greek and four in Latin or four in Greek and two in Latin. Two upper-division courses are to be selected from the related disciplines of: Archaeology or Ancient Art, Classical Literature in Translation, Ancient History,

Classical Mythology, and Greek Philosophy. In her Senior year the student should elect CL 109 or 110, the Senior Seminar; this may be counted as an upper-division course towards the major requirement. The student must receive a grade of C or better in her major courses, submit a satisfactory senior essay, and pass the written comprehensive examinations. 1969-1970 initiates an exchange program with the Classics Department of Boston College. Advanced students will be permitted to take third year Greek at Boston College during this year.

GREEK

CL G 1-2 ELEMENTARY GREEK (3, 3) *Mrs. Olstein*
An introduction to classical Greek, with emphasis upon grammar and reading.

CL G 33 PLATO (3) *Miss Durkin*
This course deals mainly with the reading of *The Apology* of Plato and one of the Socratic dialogues. Emphasis will be placed on reading the language although relevant material in English also will be read.

CL G 34 HOMER AND THE LYRIC POETS (3) *Miss Durkin*
An introduction to Greek poetry.

CL G 43 EURIPIDES (3) *Mrs. Gaisser*
An intensive analysis of two tragedies of Euripides. Offered 1970-71.

CL G 44 HERODOTUS AND THUCYDIDES (3) *Mrs. Gaisser*
Selections from the histories of Herodotus and Thucydides. Offered 1970-71.

LATIN

CL L 9 THE POETRY OF HORACE AND CATULLUS (3) *Mrs. Olstein*
Discussion of the nature of Latin personal poetry and the techniques of the poet. A brief review of grammar and idioms will be included. Open to students with 3-4 years of high school Latin or by permission of the instructor.

CL L 10 CICERO AND HIS AGE (3) *Mrs. Gaisser*
A study of Cicero's personality as revealed in selected orations and letters, with emphasis upon the events and political figures of his day.
Prerequisite: CL L 9 or by permission of instructor.

CL L 35 LIVY AND TACITUS: REPUBLICAN AND IMPERIAL ROME (3)
Selections from Livy's *Ab Urbe Condita* and Tacitus' *Annales*. Offered 1970-71.

CL L 36 ROMAN ELEGY (3) *Mrs. Olstein*
Selections from *Tibullus*, *Propertius*, and *Ovid* will be read. Offered 1970-71.

CL L 45 VIRGIL'S AENEID (3)
Offered 1970-71.

CL L 46 THE ART OF LATIN SATIRE (3)
Analysis of the genre of satire as employed by Lucilius, Horace, Seneca and Juvenal. Offered 1970-71.

CL L 55 VIRGIL'S ECLOGUES AND GEORGICS (3) *Mrs. Olstein*
 Selections from the Eclogues and Georgics will be read, with emphasis upon the poet's use of symbol, image, and myth.

CL L 56 ROMAN COMEDY (3) *Mrs. Olstein*
 Readings in the comedies of Plautus and Terence.

CLASSICS

CL 42 THE GREEK FIFTH CENTURY (3)
 A study of the great events of the Fifth Century B.C. in Athens, as reflected in the literature of the period. Plays by Aeschylus, Sophocles, Euripides and Aristophanes will be read, together with the histories of Thucydides and Herodotus. Open to all students. Offered 1970-71.

CL 47 CLASSICAL MYTHOLOGY (3) *Mrs. Gaisser*
 A study of the nature of myth, its manifestations in Greek literature, and its influence upon subsequent literature. Both ancient sources and modern works of literature will be read. Open to all students.

CL 109-110 SENIOR SEMINAR
 Directed studies in a specialized area of Classics. Independent research and oral presentation of papers to the class are intended as an introduction of the student to graduate school techniques.

COMBINED MODERN LANGUAGES

In this program the student takes courses in two foreign languages. A minimum of 60 semester credits is required with a distribution of 34 semester credits in the first language and 26 in the second language. Literature courses are required in both languages. A student must pass comprehensive examinations in both languages and must also submit a senior essay in her first language. In planning her literature courses and senior essay, she should consult with a departmental professor. All courses, comprehensive examinations, and senior essay must be completed with a grade of C or better.

ML 1-2 INTRODUCTION TO LINGUISTICS (2, 2) *Mr. DiBenedetto*
 This course, to be taken by all Foreign Language majors, will introduce the student to the Science of Language and will provide for special assignments in the individual target language. Following an historical analysis of the major theories on language, emphasis will be placed on the study of phonetics, phonology, morphology and the new grammar, etymology, semantics and some historical linguistics. Offered 1969-70 and alternate years.

CP 15-16 COMPARATIVE PHILOLOGY (2, 2) *Mr. DiBenedetto*
 "Seminario Camillo P. Merlino"
 Primarily for Juniors and Seniors majoring in Modern Foreign Languages. Critical historical and comparative appraisal of major linguistic trends and changes in the development of Romance Languages. Attention limited to nature and chronology of Vulgar Latin, and its significance in the evolution of Romance Languages; principal characteristics and historical factors in the development of French, Spanish, and Italian; linguistic traits peculiar to Romance Languages; major literary movements and their influence on the languages being considered. Opportunity for independent study, papers and class presentations. Offered 1970-71.

RL 17-18 THE ROMANTIC MOVEMENT IN EUROPE (3 or 4, 3 or 4) *Mrs. Sherk*
An inquiry into the origins and development of Romanticism in literature through study of major works by continental and some British writers with consideration of the aesthetic theories involved. Open to English and Foreign Language majors.

RL 19-20 CONTEMPORARY EUROPEAN NOVEL (3, 3) *Mrs. Sherk*
Themes and techniques in representative English and continental novels from Flaubert to the present. Some work in the original language. Prerequisite: language requirement must have been satisfied.

ECONOMICS

Requirements for majors: Ec 1-2 in Sophomore year; Ec 33 and Ec 34 in Junior year; Ec 35 and Ec 36 in Junior or Senior year; Ec 51-52, and Ec 58 in Senior year; a minimum of eight semesters of upper-division courses with grades of C or better selected from the courses listed below, and a satisfactory Senior Essay in the area of the student's choice; passing of comprehensive examinations.

EC 1-2 PRINCIPLES OF ECONOMICS (3, 3) *Mr. Krier*
Introduction to the basic concepts of economics and the fundamental institutions of economic society.

EC 25 ACCOUNTING (3) *Mr. Parente*
Organization and use of accounting records; construction and interpretation of balance sheets and statements of revenue and expense; other selected topics.

EC 26 INTERMEDIATE ACCOUNTING (3) *Mr. Parente*
Logical continuation of Accounting. Emphasis on partnership and corporate forms of enterprises. Partnership formation, management, and liquidation. Corporate organization, capital stock, dividends, retained earnings, and long-term obligations. Payroll and taxes. Economic analysis and evaluation of accounting statements and reports.

EC 32 URBAN ECONOMICS (3) *Mrs. McDonough*
Examines the development of modern urban areas and applies economic analysis to the problems of location, housing, racial discrimination, employment, poverty, transportation, social services and governmental organization. Offered 1970-71.

Prerequisite: Ec 1-2 or consent of instructor.

EC 33 MICRO-ECONOMIC ANALYSIS (3) *Mrs. McDonough*
Micro-Economics: Price theory and distribution analysis.
Prerequisite: Ec 1-2.

EC 34 MACRO-ECONOMIC ANALYSIS (3) *Mr. Krier*
Classical, Keynesian and Post-Keynesian aggregative analysis.
Prerequisite: Ec 1-2.

EC 35 INTRODUCTION TO MATHEMATICAL ECONOMICS (3) *Mrs. McDonough*
A course designed to provide knowledge of the mathematical techniques used in modern economics. The topics will include: integration and differentiation with applications in the theories of the firm and consumer behavior, macro-economic models.

EC 36 STATISTICS (3) *Mr. Nemethy*
Statistical methods as used in economics. Collection and presentation of data, index numbers, time series analysis, measurements of central tendency and dispersion. The normal curve and statistical inference. Measurements of simple linear correlation.

EC 38 AMERICAN POLITICAL ECONOMY (3) *Mr. Conway*
The most significant areas of economic thought and policy are examined in their historical context. Among the topics explored will be: Foreign Trade Theory and Tariff; Business Cycle Theory and Depressions; Trade Unions, Labor and the Law; Transportation; Agriculture; Monopoly, Trusts and Government Control. This course may be elected by any students in the social sciences. Offered alternate years.

EC 39-40 COMPARATIVE SYSTEMS (3, 3) *Mr. Nemethy*
Study of the theories, origins, history and practices of Capitalism, Communism, Socialism, National Socialism.

EC 41 MONEY AND BANKING (3) *Mr. Krier*
A study of the history of banking. Emphasis will be placed upon the analysis of deposit creation and central banking. An analysis of the objectives and effectiveness of modern monetary policy. Offered 1970-71.

Prerequisite: Ec 1-2.

EC 42 PUBLIC FINANCE (3) *Mrs. McDonough*
Principles governing expenditures of modern government, sources of revenue, public credit, fiscal policies, principles of taxation and financial administration.
Prerequisite: Ec 1-2.

EC 43 INTERNATIONAL ECONOMICS (3) *Mrs. McDonough*
Analysis of the basic theory of international trade and the problem of international disequilibrium.

Prerequisite: Ec 1-2 or consent of the instructor.

EC 44 LABOR ECONOMICS AND PROBLEMS (3) *Mrs. McDonough*
Theories of wages and employment. Wages and wage supplements. History of the labor movement. Labor legislation. Controversial issues in labor relations. Social security and social insurance. International labor organizations. The social encyclicals. Human relations in industry.

Prerequisite: Ec 1-2.

EC 46 INTRODUCTION TO ECONOMETRICS (3)
Prerequisite: Ec 35. Offered alternate years.

EC 47 INDUSTRIAL ORGANIZATION (3) *Mr. Krier*
A study of the composition of American industry with special emphasis on resource allocation and monopoly.
Prerequisite: Ec 33.

EC 48 BUSINESS CYCLES (3)

Mr. Krier

A study of the factors influencing business cycles. The course will employ both Keynesian and non-Keynesian models. Offered 1970-71.

Prerequisite: Ec 1-2.

EC 49 CORPORATE FINANCE (3)

Mr. Parente

Methods and practices that influence the formulation and determination of corporate policy. Timing, means of financing, and economic implications involved in obtaining capital funds for optimum use. Case Method. Independent Research. Offered 1970-71.

EC 50 INVESTMENT PRINCIPLES (3)

Mr. Parente

Portfolio development based on evaluation of types of securities, investment media, risks, values, standards for stock selections, and individual economic objectives. Independent research and readings dealing with realistic stock market problems and related economic and financial implications for the investor. Dollar averaging and Dow Theory. Offered 1970-71.

EC 51-52 HISTORY OF ECONOMIC THOUGHT (3, 3)

Mr. Krier

Traces development of economic theory from the classical to the modern period. Attention is given to historical economics, institutional economics, national income economics, and the American economic school.

EC 53 PRINCIPLES OF DEVELOPMENT (3)

Mrs. de Kudisch

An examination of the various theories of development with special reference to underdeveloped nations.

Prerequisite: Ec 1-2 or consent of the instructor.

EC 54 ECONOMICS AND POLITICS OF DEVELOPING NATIONS (3)

Mrs. de Kudisch

Comparative study of economics and government in the developing nations of Africa, Asia and Latin America.

Prerequisite: Ec 53.

EC 55 AMERICAN ECONOMIC HISTORY (3)

The economic development of the United States from the colonial period to the present. Offered alternate years.

EC 56 EUROPEAN ECONOMIC HISTORY (3)

Mr. Krier

A survey of the rise and development of economic institutions to the present day. Offered alternate years.

EC 58 ECONOMICS SEMINAR (3)

Mrs. McDonough

Analysis of current economic problems.

EC 101-102 INDEPENDENT STUDIES (3, 3)

The Department

Open to students by invitation.

SOC 41 SOCIOLOGY OF TECHNOLOGY (3)

Mr. Schneider

See page 83 for description.

ENGLISH

Requirements for majors: Eng 3-4 in Freshman year or later (this requirement may be waived by passing a qualifying examination ad-

ministered in September); Eng 15, 16, and 17 in Sophomore year; Eng 35 or 36 in Sophomore, Junior, or Senior year; Eng 41 and 42 in Junior or Senior year; Eng 109 and 110 in Senior year. Electives should include one semester course from each of the following areas: Renaissance (Eng 39, 40, 51, 52); eighteenth century (Eng 61, 62, 63, 64); nineteenth century (Eng 71, 72, 75, 76; RL 15, 16); American (Eng 115, 116, 117, 118), and Modern British or American (Eng 91, 92, 93, 94, 95, 96; RL 17, 18). Students are required to complete a minimum of eight semesters of upper-division courses with a grade of C or better, none of which may be completed as a summer course; passing of three days of written comprehensive examinations.

ENG 1-2 FRESHMAN ENGLISH (3, 3) *Mrs. Broderick, Mr. Daniels, Mrs. Robinson, Mrs. Sherk, Sister White*

A course required for all Freshmen. Instruction in the elements of English composition through frequent practice in the writing of themes based on selected major works of world literature from Homer through Cervantes. The initial reading of these major works will be done for *The Study of Western Culture* course.

ENG 3-4 HISTORY OF ENGLISH LITERATURE (3, 3) *Mrs. Buckley*
A survey of English literature designed to give the student a background for more specialized courses. Required for Freshmen who wish to major in English.

ENG 15 INTRODUCTION TO LITERARY THEORY (3) *Sister Maguire*
Reading and discussion of modern theories of the nature and function of literature.

ENG 16 INTRODUCTION TO LITERARY METHOD (2) *Sister White*
Introduction to the tools and methods of research in the field of English. Detailed instruction in the planning and execution of the research paper.

ENG 17 OLD ENGLISH LANGUAGE AND LITERATURE (3) *Sister White*
Introduction to Old English grammar; reading, analysis and discussion of Old English poetry and prose in the original and in translation.

ENG 27-28 POST-WORLD WAR II BRITISH AND AMERICAN NOVEL (2, 2) *Sister Maguire*
Reading and discussion of novels by authors who have made their reputation since the war, and of the later novels of authors already well-known before the war. Reading of one novel a week. Class meets two hours a week. Open to any Junior or Senior. No permission to audit.

ENG 32 HISTORY OF THE ENGLISH LANGUAGE (2)
A "diachronic" survey of English from 449 to 1966 or 1967 including as much history of the periods as seems pertinent; and study of samples from each period. "Synchronic linguistics": phonology, vocabulary, grammar, idiom,—handwriting and spelling;—with the corresponding diachronic phenomena of phonetic change, semantic extension, etc.

- ENG 35-36 FOURTEENTH CENTURY ENGLISH LITERATURE (3, 3) *Mrs. McCay*
First Semester: Readings in *Canterbury Tales* with collateral readings in contemporary related authors. *Second Semester:* Chaucer, exclusive of *Canterbury Tales*, English mystical writers, cycle plays. The course will attempt to relate literary movements of the 14th century with more contemporary movements in English Literature.
- ENG 39 SIXTEENTH CENTURY ENGLISH LITERATURE (3) *Sister White*
 Study of the poetry and prose of the early Renaissance in England. Continental backgrounds.
- ENG 40 SPENSER (3) *Sister White*
 Reading and analysis of the minor poems and the *Faerie Queene*.
- ENG 41-42 SHAKESPEARE (3, 3) *Sister White*
 The histories, comedies, and tragedies are read and separately studied, together with current critical interpretations.
- ENG 51 SEVENTEENTH CENTURY ENGLISH LITERATURE (3) *Sister White*
 Study of poetry and prose of the late Renaissance in England.
- ENG 52 MILTON (3) *Sister White*
 Reading, analysis, and discussion of Milton's poetry and prose.
- ENG 61-62 EIGHTEENTH CENTURY POETRY AND PROSE (3, 3) *Mr. Daniels*
Fall semester: Dryden, Pope and Swift. *Spring semester:* Dr. Johnson's circle.
- ENG 63-64 EIGHTEENTH CENTURY DRAMA AND NOVEL (3, 3) *Mr. Daniels, Mrs. Buckley*
Fall semester: Restoration and 18th Century Drama. *Spring semester:* the novel. Offered 1970-71.
- ENG 71-72 NINETEENTH CENTURY ENGLISH LITERATURE (3, 3) *Mr. Daniels*
Fall semester: the Romantics. *Spring semester:* the Victorians.
- ENG 73-74 ANGLO-IRISH LITERATURE (3, 3) *Mr. Daniels*
 Fall semester will stress Yeats. Spring semester will stress Joyce.
- ENG 75-76 NINETEENTH CENTURY ENGLISH NOVEL (3, 3) *Mr. Daniels*
Fall semester: Edgeworth, Austen, Scott, Dickens. *Spring semester:* the Brontes, Thackeray, Eliot, Hardy.
- ENG 78 THE NOVELS OF JANE AUSTEN (3) *Sister Maguire*
 A detailed study of the novels and of critical estimates of the work of Jane Austen.
- ENG 91-92 MODERN NOVEL (3, 3) *Sister Maguire*
 Extensive reading and discussion of English and American novelists of the twentieth century.
- ENG 93-94 MODERN DRAMA (3, 3) *Sister Maguire*
 Extensive reading and discussion of English, Irish, American and some continental dramatists of the twentieth century.
- ENG 95-96 MODERN POETRY (3, 3) *Sister Maguire*
 A study of the more important English and American twentieth century poets and schools of verse writing.

ENG 109-110 ENGLISH SEMINAR (2, 2) *Sister Maguire, Sister White*
Reading and analysis of critical writings through the twentieth century. Required of Seniors majoring in English.

ENG 115-116 SURVEY OF AMERICAN LITERATURE (3, 3) *Mrs. McCay*
Fall semester: Study of American Literature 17th-19th century with emphasis on developing awareness of the Millennium. *Spring semester:* Disillusionment in the Millennium and the American Dream become Nightmare (Walt Whitman—LeRoi Jones).

ENG 117-118 SPECIAL STUDIES IN AMERICAN LITERATURE (3, 3) *Mrs. McCay*
First semester: A study of racial attitudes in America through a reading of the writing of black and white authors of different periods in American history. *Second semester:* Rhetoric of Revolution. Study of revolutionary attitudes and attitudes toward revolution in America through the literature and political writings of different periods in American history. The course will touch briefly on non-American revolutionary treatises.

FRENCH

Requirements for majors: A grade of C or better in all the courses numbered from 27 to 30 inclusive, in FR 31-32 and in six other upper-division courses selected by the student with the approval of the Department. Students majoring in French should consult with the Chairman of the Department to arrange in scheduling of courses geared to their needs and interests in French. A senior essay must be satisfactorily completed, ML 1-2 must be passed and the passing of a comprehensive evaluation is required. All upper-division courses are entirely conducted in French.

Non-credit drilling sessions will be offered to Freshmen and Sophomores majoring in French. These sessions will be conducted by Seniors and Juniors on a voluntary basis and will be considered as an experimental project for the year 1969-70, under the supervision of Mme. Erdely.

FR 1-2 ELEMENTARY FRENCH (4, 4) *Mme. Carrara*
For the student with little or no previous knowledge of French who wishes to achieve a basis for an active command of the language. Three class sessions will be devoted to the acquisition of reading and writing skills and two laboratory sessions will be devoted to aural-oral practice for study and adaptation of fundamental speech patterns each week. Offered every year.

FR 3-4 FRENCH READING AND TRANSLATION (3, 3) *Mme. Carrara,
Mme. Gianoutsos*

This course aims to develop the comprehension of the French language and techniques of translating by means of sight passages, with individual and class criticism. This course, partly conducted in English, is intended only for the students not majoring in French who wish to meet the foreign language requirement for the degree. Offered every year.

FR 5-6 INTERMEDIATE FRENCH (3, 3)

Mme. Erdely, Miss Linnehan

This course is intended to develop the four skills of the language: understanding, speaking, reading and writing. Offered every year.

FR 7-8 FRENCH INTERMEDIATE CONVERSATION (3, 3)

Mme. Erdely

Intensive work in speech patterns and practice in speaking. Offered every year.

Prerequisite: Thorough knowledge of French grammar.

FR 9-10 ADVANCED INTERMEDIATE FRENCH (3, 3)

Mme. Courtois

For the students whose purpose is to acquire aural-oral skills, greater competency in reading and oral comprehension in French, and increased command of written French. Offered every year.

FR 27 FRENCH PHONETICS AND DICTION (3)

Mme. Courtois

Analysis of all French speech sounds and study of intonation, rhythm, accent and movement for the expressive reading of prose and poetry. Practical and systematic exercise in the language laboratory. Required of French majors. Offered in 1970-71 and alternate years.

FR 28 ADVANCED FRENCH CONVERSATION (3)

Mme. Courtois

This course is designed for students who wish to improve their conversational ability. Class discussions, intensive training in the use of grammatical and idiomatic constructions. Individual exposé and language laboratory drills will be required. Required of French majors. Offered in 1970-71 and alternate years.

FR 29 ADVANCED FRENCH COMPOSITION (3)

Mme. Courtois

Introduction to the varied types of literary composition in French. Creative writing of expository, narrative and descriptive forms will be required from the students. Required for French majors. Offered 1969-70 and alternate years.

FR 30 FRENCH STYLISTICS (3)

Mme. Courtois

Course designed to give the advanced students a finer feeling for French style, a sense for shades of meaning and a mastery of certain difficulties through: oral "Explication des Textes", exercises in composition and translation. The techniques of "Analyse Littéraire" and "Dissertation Littéraire". Required for French majors. Offered 1969-70 and alternate years.

FR 31-32 SURVEY OF FRENCH LITERATURE (3, 3)

Mme. Courtois

A historical and critical study of the important literary movements and the most representative authors of French literature from the Middle Ages to the present. Required of French majors and Modern Language majors. Offered every year.

FR 33 FRENCH LITERATURE OF THE MIDDLE AGES (3)

Mme. Gianoutsos

The origin and the growth of literary genres in France, from the tenth through the fifteenth century. Analysis of old epic legends, novels of chivalry, "Fabliaux", medieval drama and lyric poetry from the songs of the troubadours to the Testament of Francois Villon. Offered 1969-70 and alternate years.

FR 34 THE RENAISSANCE IN FRANCE (3)

Mme. Gianoutsos

A study of the historical, philosophical and literary movements which molded the French Renaissance. Selections from Marot, Rabelais, the poets of the "Pleiad", Montaigne and others. Offered 1969-70 and alternate years.

- FR 35 FRENCH CLASSICISM (3) *Mme. Courtois*
The elaboration, fixation and realization of the French Classic doctrine as seen through the poetry and prose of the seventeenth century French Literature. Study of the most representative works of great poets, moralists, fabulists and modern writers. Offered in 1969-70 and alternate years.
- FR 37 CORNEILLE, RACINE, MOLIERE (3) *Mme. Courtois*
The development of the classic theater; new theories of the dramatic, the tragic and the comic. Thorough literary analysis of the dramaturgists' masterpieces. Outside readings required. Offered 1970-71 and alternate years.
- FR 39 MORALISTS AND PHILOSOPHERS OF "LE GRAND SIECLE" (3) *Mme. Erdely*
Outstanding works of thinkers, moralists and philosophers of the seventeenth century, such as: Descartes, Pascal, La Bruyere, etc. Offered 1970-71 and alternate years.
- FR 40 THE AGE OF ENLIGHTENMENT (3) *Mme. Erdely*
An investigation of the changing concept of man and its influence on social and political thought as seen through Montesquieu, Diderot, Voltaire, Rousseau. Offered in 1970-71 and alternate years.
- FR 41 ROMANTIC POETRY OF THE NINETEENTH CENTURY (3) *Mme. Gianoutsos*
The literary doctrine, themes and artistic virtuosity of the romantic poets as they appear in the most significant works of Lamartine, Hugo Vigny and Musset. Offered 1970-71 and alternate years.
- FR 43 BAUDELAIRE AND MODERN POETRY (3) *Mme. Erdely*
An insight into the symbolist, surrealist and contemporary poetical expressions; including such poets as Baudelaire, Verlaine, Rimbaud, Mallarmé, Apollinaire, Eluard, Aragon. Offered 1969-70 and alternate years.
- FR 44 TWENTIETH CENTURY FRENCH NOVEL II (3) *Mme. Erdely*
The effects of changes in the philosophical and literary aesthetics in France as reflected in the works of the existentialist authors Sartre, Camus, Beauvoir and Marcel. The "Nouveau Roman" and its search for new ways of expression. Offered 1969-70 and alternate years.
- FR 46 NINETEENTH CENTURY FRENCH NOVEL (3) *Mme. Erdely*
The impact of new scientific developments in science upon the writer's conception of the novel. Readings from Balzac to Zola. Offered 1970-71 and alternate years.
- FR 47 TWENTIETH CENTURY FRENCH NOVEL I (3) *Mme. Erdely*
Extensive readings and discussions of the works of Proust as well as selected works by the most representative authors of the century prior to World War II (Gide, Montherlant, Malraux, Mauriac, Bernanos and Giono). Offered in 1969-70 and alternate years.
- FR 48 MODERN FRENCH THEATRE (3) *Mme. Courtois*
Discussion of plays from the French theater since 1920 by Claudel, Giraudoux, Cocteau, Anouilh, Montherlant, Sartre, Camus as well as the most representative plays of the "avant-garde" and "nouveau theatre". Outside reading required. Offered 1970-71 and alternate years.

FR 49-50 FRENCH CIVILIZATION (2, 2)

Mme. Gianoutsos

The purpose of this lecture course is to give a general knowledge of the historical and cultural background of France, some notions of its geographical aspects, the growth of its arts, sciences and institutions. The second semester will be devoted to contemporary France. Offered 1969-70 and alternate years.

Prerequisite: a good understanding of spoken French as the course will be conducted in French.

FR 51-52 READING COURSE (1, 1)

The Department

Individually directed reading to be arranged with the members of the department. On the tutorial basis. Offered every year.

FR 9-10 INTERMEDIATE FRENCH (3, 3)**

Mother Lucienne Jannin

Review of grammar, dictation, aural-oral practice, dictation, use of recordings, readings of French literature.

GERMAN

Requirements for major: A minimum of eight upper-division courses completed with a grade of C or better; a satisfactory Senior Essay in an area of the individual student's choice; the passing of three days of combined oral and written Comprehensive Examinations.

GER 1-2 ELEMENTARY GERMAN (4, 4)

Mrs. Afan

Essentials of grammar and reading course with acquisition of writing skills. Oral practice and language laboratory drills. Required of Science and Mathematics majors.

GER 3-4 INTERMEDIATE GERMAN (4, 4)

Mrs. Taxer

Further development of the four skills of language: understanding, speaking, reading, and writing. Three class sessions will be devoted to reading and discussing works of literary merit and cultural interest and to a complete grammar review. Two laboratory sessions (optional) devoted to aural-oral practice each week.

GER 5-6 GERMAN READING AND TRANSLATION (2, 2)

Mrs. Taxer

This course aims to develop comprehension of German and techniques of translating. It is intended only for students not majoring in German. Required of science and mathematics majors; also for students who wish to meet the foreign language requirement in German for the degree.

Prerequisite: Ger 1-2 or equivalent.

GER 31-32 GERMAN COMPOSITION AND CONVERSATION (3, 3)

Mrs. Afan

Practice in the written and oral use of the language. Intensive study of vocabulary, idiomatic expressions, and phonetics. Offered every year.

GER 33-34 SURVEY OF GERMAN LITERATURE (3, 3)

Mrs. Taxer

Lectures in German; reading and discussion of typical works of each period. *Fall semester:* German literature from the medieval period to Goethe. *Spring semester:* German literature from Romanticism to the present day. Required of Modern Language majors. Offered 1969-70 and alternate years.

**Given in the Lafosse Program.

GER 35-36 EARLY GERMAN LITERATURE (3, 3)

An introduction to German literature from medieval times to the end of the 17th century. Readings from typical works of each period. Lectures in German. Offered 1970-71.

GER 37-38 GERMAN LITERATURE IN THE 18TH CENTURY (3, 3)

Mrs. Taxer

Lectures in German on nature and background of 18th century. Reading and discussion of representative works with emphasis on Lessing, Goethe, and Schiller. Offered 1970-71 and alternate years.

GER 39-40 GERMAN LITERATURE OF THE 19TH CENTURY (3, 3)

Mrs. Taxer

From Romanticism to Naturalism. Development of the drama, the lyric, and the novel. Extensive readings from representative authors. Conducted in German. Offered 1970-71.

GER 41-42 CONTEMPORARY GERMAN LITERATURE (3, 3)

Mrs. Taxer

Literary trends in Germany and Austria from 1885 to the present. Extensive reading. Conducted in German. Offered 1969-70 and alternate years.

GER 43-44 ADVANCED GERMAN COMPOSITION AND CONVERSATION (2, 2)

Mrs. Taxer

Intensive training in the use of correct grammatical and idiomatic constructions. Advanced stylistics. Oral and written reports on selected topics will be required. Offered 1970-71 and alternate years.

Prerequisite: Ger 31-32.

GER 45-46 READING COURSE (2, 2)

Mrs. Taxer

Individually directed reading on a tutorial basis. Offered every year.

HISTORY

Requirements for majors: Students majoring in history shall fulfill the following requirements: His 3 and His 4 shall be taken in the sophomore year. In addition His 5-6 and 8 upper division courses shall be completed with a grade of C or better. A senior essay shall be written in an area of the student's choice. The Graduate Record Examination in history shall be completed in a satisfactory manner and two days of written comprehensive examinations shall be passed with a grade of C or better. These comprehensive examinations will be so constructed that the student may utilize all of her three years of historical study in answering them. Students planning to attend graduate school are reminded of the advisability of planning their courses with this in mind. This should involve an indication of some special field of interest as well as appropriate allied courses which would aid in the further study of history. The Department recommends a seminar course in history for all of its students. While it is assumed that all courses in the Department will require reading and discussion on the part of the students, those which devote at least one-third of the class time to discussions based upon readings are denoted by an asterisk.

HIS 3 WORLD HISTORY SINCE 1500 (3)

Mr. Flannagan

Analyzes the essential characteristics and experiences of the major world regions and those forces or movements, particularly western expansion, that had a world-wide impact. A global perspective of the world since 1500, rather than a regional or national view, is the aim of this course.

HIS 4 INTRODUCTION TO THE STUDY OF HISTORY (3)

Mrs. McHugh

An introductory course designed to acquaint the student with the problems and the methods of historical study. Required of sophomores majoring in history.

HIS 33-34 HISTORY OF MEDIEVAL CIVILIZATION (3, 3)

Mr. Gleiman

Selected problems of the Latin Middle Ages with consistent reference to the sources available in English translation. The political, social, cultural and religious background of the emerging European world up to the Renaissance. Problem of the possibility of a "Christian culture." Introduction to the Byzantine, Islamic, Jewish and Slav areas.

HIS 35-36 SEMINAR IN MEDIEVAL CIVILIZATION (4, 4)

Mr. Gleiman

Individual treatments of selected topics in the Latin Middle Ages under personal supervision by the instructors. An intensive initiation into historical techniques required for this period will be provided. This will be followed by concentrated reading of sources and studies, presentations of research papers in selected areas of socio-political, literary, intellectual, and religious history. Individual and collective meetings will be arranged. Research may be used as a basis for the Senior Essay. Students anticipating taking this course should plan ahead to take a light program of studies during the spring semester while carrying this course. Offered 1969-70.

HIS 37-38 RUSSIAN INTELLECTUAL AND POLITICAL HISTORY (3, 3)

Mr. Roodkowsky

A critical analysis of the main political, social, and religious currents of pre-Revolutionary Russian thought. An intensive study of Slavophilism, Westernism, Populism, Panslavism, and Nihilism and their role in Russian life. Inter-relationship of the European and Russian cultures in the works of Danilevsky, Leontiev, and Schubart. A survey of the main tendencies in Russian religious thought. Reading and discussion of the basic works of Solovyov, Berdyaev, Bulgakov, Nicholas Lossky.

HIS 41 RENAISSANCE AND REFORMATION (3)

Mrs. McHugh

This course covers the period from the Italian Renaissance to the Council of Trent. Topics covered include Italian, Northern European humanism; the political, social, cultural and economic forces underlying the Protestant Reformation and the response of the Church in the Catholic Reformation.

HIS 42 EUROPE 1560-1715 (3)

Mrs. McHugh

Study of the development of the European national states from the end of the Italian wars through Louis XIV. The nature and effect of the new economy, the scientific thought of the seventeenth century, and the expansion and secularization of the European world.

HIS 43-44 SEMINAR IN MODERN EUROPEAN HISTORY (3, 3)

Mrs. McHugh

Study of selected problems in European history since 1815. This course will involve readings in original sources. Extensive bibliographical usage, oral reports and written papers. The seminar paper may be used as a basis for the required Senior Essay. Open only to Seniors.

HIS 46 19TH CENTURY EUROPE (3) *Mrs. McHugh*
The development of the effects of nationalism, liberalism, and industrialism in Europe from 1815 to 1914. The great unifications; the rise of socialism, the shift from romanticism to realism in politics will be considered.

HIS 47 TWENTIETH CENTURY EUROPE (3) *Mrs. McHugh*
A study of the major political, intellectual and socio-economic trends in Europe since 1914; the rise of the totalitarian right; the impact of two world wars; the impact on Europe of Soviet Russia. Offered 1970-71.

HIS 48 HISTORY OF MODERN BRITAIN (3) *Mrs. McHugh*
Analysis of major trends in English history since 1815; the effect of the industrial revolution on political and social life; the height and decline of Empire; the role of England in Europe.

HIS 50 REVOLUTIONARY EUROPE (3) *Mrs. McHugh*
Although this course will deal in detail with the political, social and intellectual facets of the French Revolution and Napoleonic era, great emphasis will also be placed on its general impact on European civilization as a whole, especially Italy and Prussia. Offered 1970-71.

HIS 51-52 EUROPE IN THE EIGHTEENTH CENTURY (3, 3) *Mrs. McHugh*
A study of the internal development of the major European States in the eighteenth century; the international balance of power; the rise of the great colonial empires; the Enlightenment as a European phenomenon. Offered 1970-71.

HIS 54 HISTORY OF MODERN FRANCE (3) *Mrs. McHugh*
Study of basic problems in French history since 1848. The Second Empire, the Third and Fourth Republics, DeGaulle's France will be considered against their social, economic and cultural background and the changing role of France in Europe. Offered 1969-70.

HIS 57-58 CULTURAL TRADITIONS OF THE FAR EAST (3, 3)
An intellectual history of the philosophies, religions, art forms, social and governmental structures of China and Japan to approximately 1300 A.D. Offered 1970-71.

HIS 59-60 HISTORY OF RUSSIA AND THE SOVIET UNION (3, 3) *Mr. Roodkowsky*
A survey of Russian history from the formation of the Kievan state in the ninth century to the present time. Mongol and Moscow periods. Intensive study of the domestic and foreign policies of the Russian Empire from the reign of Peter the Great to that of Nicholas II. The rise of the Soviet state. The structure, function, and techniques of the Soviet system.

HIS 61 HISTORY OF THE RUSSIAN REVOLUTION (3)* *Mr. Roodkowsky*
The origin and development of the Russian revolutionary movement in the nineteenth century. The abortive revolution of 1905. February Revolution of 1917. The Provisional government vs. the Soviet. Lenin's propaganda. July uprising. Kornilov affair. October Revolution. Constituent Assembly. Peace of Brest-Litovsk. Civil war and foreign intervention. Intensive reading of sources available in English. Offered 1969-70.

*Reading-Discussion Course.

HIS 62 CULTURE OF THE SOVIET UNION (3) *Mr. Roodkowsky*
Survey of literature, art, education, and science, in the U.S.S.R. An analysis of the main political, institutional, cultural, and intellectual currents in the formation of modern Russia. Socialist realism. Anti-religious propaganda. The Orthodox Church under the Soviet government. Special stress upon continuity and change in Russian and Soviet cultural patterns. Offered 1969-70.

HIS 63 HISTORY OF LATIN AMERICA (3) *Mrs. de Kudisch*
A survey of Latin American culture and history including the political, social and economic evolution of independent Latin America.

HIS 64 CONTEMPORARY LATIN AMERICAN PROBLEMS (3) *Mrs. de Kudisch*
Examination of selected contemporary problems including United States-Latin American relations, regional organizations, political and social problems.

HIS 65 HISTORICAL EVOLUTION OF MEXICO AND CUBA (3) *Mrs. de Kudisch*
Explores the development of the Mexican nation, the Indian societies of the fourteenth and fifteenth centuries, the impact on them of the Spanish settlement and the viceregal experience. The independent struggle for national identity, the economic, and social development, foreign relations, especially with United States in twentieth century. Offered 1970-71.

HIS 66 HISTORY OF BRAZIL AND ARGENTINA (3) *Mrs. de Kudisch*
Survey of neo-colonial Brazil from independence and the Imperial era through the First Republic to World War I. Politics and society in transition from agrarian to industrial basis, the rise of nationalism, and Brazil's role in the hemisphere and international organizations. The history of Argentina will be given with special emphasis on the relation between social structure and political progress.

HIS 67-68 AFRICAN HISTORY (3, 3) *Mr. McKay*
A study of the main movements and influences in the history of Africa, including: formation of African groupings; African States and empires; Islam and its impact; the impact on Africa of European cultures and people; imperialism and its break-up.

HIS 71-72 THE AMERICAN REVOLUTION 1763-1789 (3) *Mr. Flannagan*
An intensive examination of the causes, consequences, motives and meaning of the American Revolution. Reviewed also will be the changing historical interpretation and recent reappraisals of the Revolutionary Generation. The Confederation period will be examined in relation to the themes of change and continuity. This is a reading and discussion course with maximum student participation.

HIS 73-74 AMERICAN CONSTITUTIONAL DEVELOPMENT (3, 3) *Mr. Flannagan*
An historical study of the origins of the American constitutional system (1607-1789); the nature of the federal union and who had the power to interpret the constitution (1789-1865) and the problems and adjustments of the constitutional system arising from the challenges of a modern, industrialized urban society (1865-Present).

HIS 75-76 AMERICAN FOREIGN POLICY (3, 3)*

Mr. Flannagan

An historical study of the formulation and implementation of a basic United States foreign policy from 1776 to 1900 and the subsequent new departures occasioned by the many radically different challenges of the twentieth century. Emphasis will be placed on conflicting interpretations and class discussion. Offered 1970-71.

HIS 77-78 A POLITICAL HISTORY OF 20TH CENTURY UNITED STATES,
1900-PRESENT (3, 3)*

Mr. Flannagan

An historical examination of the growth of the American nation from a semi-rural to a highly urbanized society and the American political response to this challenge of change. Important topics include: origins, nature and significance of the Progressive Movement; the ethnic and economic orientated politics of the twenties; Depression; New Deal; rise of the new mass-production-consumption economy; the second reconstruction and welfare statism from Truman to Johnson. Appropriate reading assignments comprise an integral part of this course.

HIS 79-80 SEMINAR IN AMERICAN HISTORY (3, 3)

Mr. Lader

An examination of recently suggested answers to the question of the origins of 20th century America. This course will include a discussion of recent historians' approaches to traditional themes. An individual reading program will be established for each student. Historiographical notes, discussion and analysis will be required of each student. This course is designed specifically for seniors majoring in history. Majors from other areas will be admitted only at the discretion of the instructor.

HIS 81-82 BLACK MAN IN AMERICAN HISTORY (3, 3)

Mr. McClain

Fall Semester: 1501 to 1877, from Negro slavery in the West Indies to the end of the Reconstruction period in the United States. *Spring Semester:* 1877 to the present time, from the beginnings of hard core segregation to the continuing struggles for full acceptance and equality.

ITALIAN

Students interested in Italian Studies, as a major or minor, must visit with the professors of the Department for personal counsel on matters related to their level of proficiency and consequent selection of courses, comprehensive examinations, senior essay, and other academic responsibilities.

IT 1-2 ELEMENTARY ITALIAN (4, 4)

Mr. DiBenedetto

Introduction to Italian language through basic conversation patterns and essentials of grammar. Weekly laboratory session.

IT 3-4 INTERMEDIATE ITALIAN (3, 3)

Mrs. Carrara

Continuation of It 1-2, with stress on oral expression and composition. The course is open to those students who have completed elementary courses in Italian in other institutions.

*Reading-Discussion Course.

IT 5-6 ADVANCED ITALIAN CONVERSATION (3, 3)

Mrs. Carrara

While the emphasis of the course will be on conversation and composition at a higher level, the student will be introduced to simultaneous interpretation and to some aspects of Italian culture and literature. Conducted in Italian.

IT 31-32 ITALIAN LITERATURE (3, 3)

Mr. DiBenedetto

Following a series of lectures on literary precepts, principles of aesthetics, Italian literary language, and some historical considerations, the course will focus on the works of Dante, Petrarca, Boccaccio, Tasso and Ariosto. Conducted in Italian. Offered 1970-71.

IT 33-34 ITALIAN LITERATURE (3, 3)

Mr. DiBenedetto

This course will examine in depth the main literary movements in Italy from the XV to the XX centuries with special attention given to the representative works of Machiavelli, Marino, Goldoni, Alfieri, Foscolo, Manzoni, Leopardi, Carducci, D'Annunzio e Pirandello. Conducted in Italian.

MATHEMATICS

Requirements for Majors: Math 11-12, 21, 22, 31-32, 33-34, 41, 42, 43-44; passing of two days of comprehensive examinations; writing of a satisfactory Senior Essay. The first day of comprehensive examinations will be waived for those students who either have passed the Actuarial Examination or received a satisfactory score on the Graduate Record Examination Advanced Test in Mathematics. The Senior Essay consists of a translation of Mathematical articles from French, German or Russian and in exposés of topics not covered in the curriculum.

MATH 5, 6 PERSPECTIVES ON MATHEMATICS (2)

Mr. Scott

A study of the men, the problems and the methods that contributed to the historical evolution of mathematics. Math 6 is equivalent to Math 5 but is given in the second semester.

MATH 11-12 CALCULUS AND ANALYTIC GEOMETRY (5, 5)

*Sister Schickel,
Mr. Scott*

Study of function, limit, integral, lines, planes and conic sections.

MATH 15-16 CALCULUS I (3, 3)

Sister Schickel, Mr. Scott

A course in calculus designed to show the applications generally made in biology and chemistry.

MATH 17, 18 FINITE MATHEMATICS (3)

Sister Schickel

Introduction to logic, sets, functions, partitions, probability, matrices, applications to social sciences.

MATH 21 INTERMEDIATE CALCULUS (5)

Mr. Lubenec

Functions of several variable, multiple integrals, differential equations.

Prerequisite: Math 11-12.

MATH 22 LINEAR ALGEBRA (5) *Mr. Scott*
 A study of finite dimensional vector spaces, linear transformations, matrices, determinants and systems of linear equations.
 Prerequisite: Math 13-14.

MATH 25-26 CALCULUS II (3, 3) *Mr. Lubenec*
 A continuation of Math 15-16 or chemistry majors.

MATH 31-32 ADVANCED CALCULUS (3, 3) *Mr. Preskenis, Mr. Lubenec*
 Elementary point set topology, continuity, functions of several variables. Stieltjes integral, line integrals, infinite series and products.
 Prerequisite: Math 21 and Math 22.

MATH 33-34 ALGEBRA (3, 3) *Mr. Lubenec, Mr. Scott*
 Selected topics from the theories of Groups, Rings and Fields.

MATH 41 INTRODUCTION TO MEASURE THEORY (3, 3) *Mr. Preskenis*
 Lebesgue measure and integration, and its relation to the Riemann integral.
 Prerequisite: Math 31-32.

MATH 42 INTRODUCTION TO TOPOLOGY (3) *Mr. Lubenec*
 Topological spaces and their properties, functions on spaces, and metric spaces.

MATH 43-44 FUNCTIONS OF THE COMPLEX VARIABLES (3, 3) *Mr. Scott, Mr. Preskenis*
 A study of complex analysis including: Cauchy-Riemann equations, contour integration, Laurent series, calculus of residues, conformal mapping, Dirichlet problem.
 Prerequisite: Math 31-32.

MATH 51-52 SEMINAR (2, 2) *Mr. Preskenis*
 Selected topics in Mathematics.

MATH C11-C12 INTRODUCTION TO COMPUTING *Mr. Preskenis*
 Algorithms, programs, programming, verification and debugging of programs; the solution of computational problems through the use of languages including Fortran.

ED 9-10 THEORIES AND CONCEPTS OF MODERN MATHEMATICS (2, 2) *Sister Schickel*
 See page 78 for description.

MUSIC

MUS 1-2 BASIC APPROACHES TO LISTENING TO MUSIC (3, 3)
 A course designed for the beginning listener. All forms of music will be covered and discussed in a manner intended to develop the student's ability to approach music for the first time with an awareness of what to listen for.

MUS 9-10 SURVEY OF MUSIC HISTORY (3, 3) *Sister Cohalan*
Fall Semester: A study of the History of Music of Antiquity, and of the Middle Ages, Renaissance and Baroque periods. *Spring Semester:* Music of the Classic, Romantic and contemporary periods. Offered 1970-71.

MUS 11 THE MUSICIAN IN HIS TIMES (3)

Mrs. Appleton

Through study of the composer's life and the historical-cultural times in which he lived, this course will introduce the student to great music. Throughout the year students will be required to attend concerts, operas, ballets, etc. Guest artists will speak and perform in the classroom.

MUS 27-28 MUSIC AND LITURGY (2, 2)

Sister White

Selection, analysis and performance of liturgical chants in the light of the *Constitution on the Sacred Liturgy*. This course is offered only on a Pass or Fail basis.

MUS 31-32 SURVEY OF MUSIC FOR KEYBOARD INSTRUMENTS (2, 2)

Sister Cohalan

Fall Semester: A study of the nature of the harpsichord, clavichord, piano and organ, and of the music written for them from the Elizabethan period to 1750. *Spring Semester:* From 1750 to the present. Offered 1970-71.

MUS 37-38 MUSIC AND LITERATURE (3, 3)

Mr. Oliver

A historical survey of the use of literature by various composers and the implications, social and historical, of that use. The role of music as a cultural force will be investigated and any evolution of thought discovered in the material to be studied will be traced and discussed. Authors will include Sophocles, Schiller, Shakespeare, Verlaine, Buchner, and others. Special emphasis will be placed on *Oedipus Rex*, *Otello*, *Elektra*, *Falstaff*, and *Wozzeck*. Reading, listening, reports, discussion and some concert attendance.

MUS 39-40 WAGNER: THE MAN AND THE ARTIST (3, 3)

Mr. Oliver

A study of the composer's life and works with special emphasis on the philosophical implications of his writings. *Fall Semester:* Early operas, *Die Meistersinger* and *Tristan and Isolde*. *Spring Semester:* *Der Ring des Nibelungen* and *Parsifal*.

MUS 45-46 HISTORY OF VOCAL MUSIC (3, 3)

Mr. Oliver

The development of the art and uses of singing from earliest times to the present day. The links between concert, church and popular music will be observed and related. The main body of the course will trace the history of vocal music through the lives of the great singers of the seventeenth through the twentieth centuries. Sontag, Viardot-Garcia, and Melba, as well as four present day singers—Ludwig, Callas, Sutherland, and Nilson—will receive special attention. Development of the ability to listen properly to vocal music will be stressed throughout the course. Reading, listening, reports, discussion and some concert attendance. Offered 1970-71.

PHILOSOPHY

Required Courses in Philosophy

All students must take the following courses in philosophy:

In Freshman Year, Phil 1, 2; or Phil 1A, 2A.

In Sophomore Year; either Phil 7-8 or Phil 9-10; or Phil 11-12, or Phil 13-14.

PHIL 1 LOGIC (2)

Mr. Curran, Brother Sullivan

A study of the operations of the human mind—abstraction, judgment and reasoning—with emphasis on the practical application of the laws of logic.

PHIL 1A INTRODUCTION TO MODERN LOGIC (3)

Mr. Kamoski

The importance of language in sound reasoning: uses and functions of language: fallacies and definitions. Deduction: propositions, classes, immediate inferences, existential import, and symbolism; analysis of categorical syllogisms; argumentative prose and translation into symbolism; enthymemes, sorites, dilemmas; complex syllogisms; introduction to symbolic logic: truth-functional analysis of propositions and arguments; paradoxes of material implication; proofs of validity, invalidity, and inconsistency; introduction to quantification and asyllogistic inferences. Inductive procedures and scientific method; analogical arguments and probability inferences; causal connections; scientific explanations and experiment; introduction to probability calculus. Open only to qualified Freshmen with the consent of the Dean or the instructor.

PHIL 2 METAPHYSICS (4)

Mr. Curran, Brother Sullivan

The first part of the course deals with the "why" of metaphysics, methodologies advocated by various philosophers, and the consequent formation of different philosophical schools. In the second part, metaphysical issues are discussed, showing the approaches used by different schools in their studies of epistemology, psychology, cosmology and ethics.

PHIL 2A METAPHYSICS (3)

Mr. Curran

This course deals with the "why" of metaphysics, methodologies advocated by various philosophers, and the consequent formation of different philosophical schools. It also discusses approaches used by the different schools in their studies of epistemology, psychology, cosmology and ethics.

Prerequisite: Phil 1A.

PHIL 7-8 PHILOSOPHY OF MAN (3, 3)

Mr. Kreeft, Mr. Martin

This course considers the nature of man from the evidence of personal experience, science, and the philosophical reflections of key figures in Western thought.

PHIL 9-10 PHILOSOPHY OF MAN (3, 3)

Sister Gorman

A study of man as being in the world of things and men, as knowing and loving, becoming and committed. The works of representative philosophers of the Aristotelian, Platonic, Pragmatic, Analytic and Existentialist approaches will be read and discussed.

PHIL 11-12 PHILOSOPHY OF MAN (3, 3)

Mme. de Lacoste

The study of man as creative and dynamic. His place and role in the evolutionary process. The features of his response to the shaping of the world around him. The different kinds of knowledge as ways of relating to reality. The problematic of interpersonal relations as providing a way of thinking about reality in its integrity. The search for personal authenticity. The role of commitment, response-ability and community in this search. The tension between the individual and the institution. The following thinkers will be read and discussed in working out the above problems; Teilhard de Chardin, Johann, Bergson, Descartes, Einstein, Maritain, Kant, Fletcher, Sartre, Maslow, Marcel, Berdyaev and others. At the end of the course each student will be asked to synthesize her own philosophy of man.

PHIL 13-14 PHILOSOPHY OF MAN (3, 3)

Miss Lunsford

Man: content and context. The implications of different perspectives of man's nature and his context as they apply to man as moral agent and as knower will be analyzed. Representative readings both classic and contemporary will be used.

Requirements for Philosophy majors: A minimum grade of C in Phil 31, 32 and in eight other courses offered by the Philosophy Department; a senior essay in the area of the individual's choice; the passing of comprehensive examinations. Courses accorded philosophy credit are PS 151-152; PS 21-22; Psy 54, Art 81-82. Students who plan to take the Graduate Record Examinations are strongly urged to take Phil 35, Phil 36, Phil 40, Phil 45, Phil 53.

For the Comprehensive Examinations, the students must demonstrate knowledge of the thought and influence of the following philosophers:

Plato	St. Thomas Aquinas	Hume	Bergson
Aristotle	Descartes	Hegel	James
St. Augustine	Kant	Kierkegaard	Wittgenstein

The courses listed below deal with these philosophers both from the historical and "problem" points of view. Students are free to study one or more of these philosophers independently, but the examinations are set by the professor who is currently giving the course in which each is studied.

The Comprehensive Examinations are given as follows: An oral examination of one hour or a written examination of three hours in which the student is expected to compare the philosophy of St. Thomas Aquinas with that of any one other philosopher listed above. The purpose of this examination is to encourage each student to reach some personal and critical conclusions about these thinkers. Three three-hour written examinations are divided as follows: 1st day, the historical aspects including what each taught, wrote, and how he was related to his predecessors and successors; 2nd day, metaphysical, cosmological, psychological and ethical problems as they were treated by these philosophers; 3rd day, logical and epistemological problems with which they dealt. On each of these days there will be questions on four men, and the students must choose two. All twelve will appear on one or another day of each series.

Requirements for a philosophy minor: A minimum grade of C in the philosophy minor seminar and two semesters of upper-division courses which count for the philosophy major.

PHIL 19-20 PHILOSOPHY MINOR SEMINAR (3, 3) *Mr. Curran and Department*
A study of some of the major issues in the history of philosophy and their relationships to present-day problems.

PHIL 21-22 PHILOSOPHY MINOR SEMINAR (3, 3) *Mr. Curran*
Selected men and problems in the history of philosophy.

PHIL 31 PLATO (3) *Mr. Gleiman*
A study of the major works of Plato against the background of the Pre-Socratic contributions to philosophical inquiry and in view of the persistent influence of Plato. Offered 1970-71.

PHIL 32 ARISTOTLE (3) *Mr. Gleiman*
A study of the major works of Aristotle and of his influence. The nature and challenge of the Aristotelian problematics and the genesis of the pseudo-Aristotelian 'systems'. Offered 1970-71.

PHIL 33 ST. AUGUSTINE (3) *Mr. Gleiman*
An introduction to the Patristic contributions to philosophical inquiry as represented by the work of the great African Father; his life, thought, and influence; the issue of the 'Hellenization' of Christianity and the influence of Plotinus.

PHIL 34 ST. THOMAS AQUINAS (3) *Mr. Gleiman*
An introduction to the challenge of the work of St. Thomas based on selected textual study of some portions of his major works and against the background of the 'medieval' situation. The genesis of various 'Thomistic' schools and the problem of the continuity of the Thomistic tradition in the 'socio-technic age' centered on the major themes of the works of Bernard Lonergan.

PHIL 35-36 MODERN PHILOSOPHY (3, 3) *Mr. Kamoski*
Extensive reading and critical analysis of the main works of the following philosophers: Descartes, Spinoza, Locke, Berkeley, Hume, Leibniz, Kant, Hegel, and Schopenhauer.

PHIL 37 THE FRENCH SPIRITUALISTIC SCHOOL (3) *Mme. de Lacoste*
The anti-positivistic reaction of French philosophers to the positivism of such philosophers as Condillac, Comte and Spencer. The spiritualism of Pascal, Maine de Biran and Lachelier. The spiritual positivism of Ravaisson, Boutroux, Bergson and Teilhard de Chardin. Special study of these last two philosophers with emphasis on Bergson's notion of intuition and his theory of creative evolution, and on Teilhard's evolutionary worldview from cosmogenesis to christogenesis. Offered 1970-71.

PHIL 38 KIERKEGAARD AND SARTRE (3) *Mme. de Lacoste*
Intensive reading of the works of the Danish thinker who thought that man can reach an authentic existence only through a "god relationship" and of the philosophy and plays of the French philosopher who has constantly tried to show in his writings that man can discover his proper grandeur only if God does not exist. A comparison and evaluation of the works of these two existentialists.

PHIL 40 ANALYTIC PHILOSOPHY (3) *Mr. Kamoski*
Background study of logical positivism and logical atomism. Detailed and systematic study of the thought of L. Wittgenstein as it is found in *Tractatus Logico-Philosophicus* and *Philosophical Investigations*. Wittgenstein's decisive influence on contemporary philosophy.

PHIL 41 CONTEMPORARY ANALYTIC PHILOSOPHY (3) *Mr. Kamoski*
Systematic and comparative study of the works of B. Russell, G. E. Moore, and J. Wisdom. The influence of these works on contemporary philosophy in the light of some recent work in epistemology and metaphysics.

PHIL 42 PHILOSOPHY OF SCIENCE (3) *Mr. Kamoski*
Detailed and critical study of scientific methods in natural and behavioral sciences. Detailed study of such topics as types of explanation, causality, theory making and concept formation, the nature of explanations of human actions (in behaviorism and purposivism-functionalism), and the role of functional and deductive explanations in the natural and behavioral sciences. Not open to Freshmen.

PHIL 43 PROBLEMS IN PHILOSOPHY OF SCIENCE (3) *Mr. Kamoski*
Detailed and critical study of one or possibly two special problems in philosophy of science. In any given semester special topics will be chosen from among the following: the nature of scientific method; space, time, and relativity; natural science and language; the nature of laws and theories in science; models, theory construction, and the logic of scientific explanations; causality, determinism-indeterminism, and probability; philosophy of social sciences; philosophical problems of biology and psychology. May be taken independently of Phil 42. Not open to Freshmen except with consent of instructor. Offered 1970-71.

PHIL 44 PHILOSOPHY OF THE COMMUNITY (3) *Mr. Curran*
A study of the communities of friendship, marriage, family, state, nation and church, and of their relations to one another.

PHIL 45 AMERICAN PHILOSOPHY (3) *Mr. Curran*
Jonathan Edwards to Sidney Hook inclusive. General historical trends, together with an analysis of the principal texts of William James, Josiah Royce, and John Dewey.

PHIL 46 PHILOSOPHY OF CREATIVITY (2) *Mme. de Lacoste*
An inquiry into the possibility of a new philosophy of man based on his essential creativity. Extensive study of the ideas of the thinkers who discuss man's new responsibility as creator of the world around him and his creative responsibility to his fellow men. The ideas of Berdyaev, Maslow, Kierkegaard, Erich Fromm, Teilhard de Chardin, Sartre, Alan Watts and Gabriel Marcel on this subject will be investigated. A reading-discussion course, meeting bi-weekly. Open to juniors and seniors with the approval of the instructor.

PHIL 47 FAR EASTERN PHILOSOPHIES (3) *Mme. de Lacoste*
An introduction to the study of ancient far eastern philosophies: Reading of the Analects of Confucius, the Tao-Te-ching, the Upanishads, the Bhagavad Gita, and of critical works concerning them. Directed study of one of the following contemporary thinkers at the students' choice: Daisetz Suzuki (Zen Buddhism), Mahatma Gandhi, or Rabindranath Tagore. Offered 1970-71.

PHIL 48 EXISTENTIALISM AND BUDDHISM (3) *Mme. de Lacoste*
A comparison of the ideas of Gabriel Marcel and of Martin Heidegger to Buddhism and to Zen Buddhism. Intensive study of both western and eastern sources. Offered 1970-71.

PHIL 49-50 PHILOSOPHY AND HISTORY OF COMMUNISM (3, 3) *Mr. Roodkowsky*
Development of the Communist movement from its beginnings in the French Revolution to its present crystallization in the Soviet Union. The ideas of the French precursors of Marx, the Young Hegelians, and the Early British Socialists. A study of Marx' and Engels' writings and their impact upon Russian thought. History of the Communist League, the First and Second International Russian revolutionary underground, and the formation of Leninism and Stalinism. A historical survey of philosophy (dialectical materialism) of the Soviet Union. Discussions of current trends in Soviet ideology.

PHIL 52 BLANCHARD-BRADLEY (3) *Miss Lunsford*
The problems: objectivity and limitations of knowledge, nature and aims of the knowing process will be discussed. A comparative analysis two philosophers who roughly hold the same metaphysical commitment.

PHIL 53 SYMBOLIC LOGIC (3) *Mr. Kamoski*
Introduction to current methods of formal logic: the theory of truth functions and propositional calculus; normal schemata and Boolean normal forms; consistency and validity; duality. Properties and development of logistic systems (axiomatic theories). Functional calculus: uniform quantification and methods of natural deduction; general theory of quantification. Introduction to the theory of identity, classes, and relations. Theory of descriptions. Logical and semantical paradoxes. Introduction to and application of the theory of logic.

PHIL 54 ADVANCED SYMBOLIC LOGIC (3) *Mr. Kamoski*
Completeness proof of quantification theory. Existence and singular inference; identity; descriptions. Number axioms and informal proof. Classes and axiomatic set theory; number; relations and functions; variant theories of classes and ultimate classes. Analysis of foundations of mathematics: formalism; intuitionism; logicism. Paradoxes: Russell's; Grelling; Skolem; Burali-Forti. Simple and ramified theory of types; other possible solutions of paradoxes. Three-value logic. Modal logic and necessity. Applications and theory of logic. Offered 1970-71.

Prerequisite: Phil 53.

PHIL 56 HEGEL (3) *Mr. Gleiman*
An introduction to the philosophy of Hegel through textual study of portions of his works in view of his persistent influence. The impact of Feuerbach, Marx, Nietzsche, Croce, and Marcuse. Offered 1970-71.

PHIL 57-58 PHILOSOPHY SEMINAR (3, 3) *Mr. Kamoski*
An investigation of selected problems in the theory of knowledge, including their contemporary as well as classical sources.

PHIL 59-60 SEMINAR IN PHILOSOPHY IN LITERATURE (4, 4) *Mr. Kamoski*
An investigation of philosophical insights concerning the conduct and the condition of human life, as they appear in several works selected from outstanding world literature. The emphasis will be on discussion. The exact list of readings will be determined at the outset of the seminar, but it is likely to include such work as Tao Teh Ching of Laotze, Upanishads, Mahabharata (Adi Parva), Tibetan Book of the Dead, Suddharma-Pundarika (Lotus Sutra), Kalavala, Book of Job; and such authors as: Sophocles, Aeschylus, Kalidasa, Dante, Goethe, Tolstoy, Dostoevski, Camus, Kierkegaard, Marcal, Sartre, Kafka. One 2-3 hour discussion weekly; and, one hour weekly to be devoted to written work, either critical or original in nature. Enrollment is limited. Open only to upper-classmen.

PHIL 3 GENERAL INTRODUCTION TO PHILOSOPHY (2)*

Mr. Ford

An introduction to philosophical thought; what is meant by philosophy and philosophizing. Ideologies which have significantly influenced man will be treated.

PHIL 4 LOGIC (2)*

Mr. Ford

Its nature and divisions; distinction between correctness and truth of thinking; simple apprehension, concepts, terms, the predicables, the predicaments, definition and division; judgments, absolute and moral, simple and composite; the square of opposition; reasoning, immediate and mediate inferences, deduction; induction; fallacies.

PHYSICAL SCIENCE

SCI 3 PHYSICAL SCIENCE I (3)*

Sister M. Angelina

A general course designed to give the non-scientist a basic knowledge of the complex world in which he lives. Topics considered include: the solar system and the universe beyond it; origin and structure of the earth.

SCI 4 PHYSICAL SCIENCE II (3)*

Sister M. Angelina

A survey of the former and present concepts of the nature of matter and energy, including states of matter, solutions, molecules and atoms, chemical reactions, mechanics, light, sound, magnetism, electricity and radio.

PHYSICS

A student choosing physics as her major field should include course PHY 31, 32, 33, 34 and two of the following courses: 42, 47, 48, CHEM 2 and 3, MATH

11-12 and 21 or MATH 15-16 and 25-26. A reading knowledge of two of the following languages is desirable: French, German, Russian. The required Senior Essay may be experimental, historical, or theoretical. Satisfactory completion of Comprehensive Examinations is required.

PHY 1 BASIC CONCEPTS IN PHYSICS (4)

Miss Weeks

Selected topics in classical and quantum physics. The selected topics in classical physics include force, energy, motion, wave motion, heat, electricity, magnetism, and light. The selected topics in quantum physics include quanta, the atom, and the nucleus. Three lectures and one two-hour laboratory period per week. This course is required for chemistry majors.

PHY 11-12 FUNDAMENTAL LAWS OF PHYSICS (4, 4)

Miss Weeks

Introduction to the topics in classical and quantum physics listed in PHY 1. Three lectures and one two-hour laboratory period per week. This course is required for biology majors.

PHY 31 INTRODUCTION TO ATOMIC AND NUCLEAR PHYSICS (4)

Miss Weeks

Atomic and nuclear structure, nuclear transformations, fission, fusion, elementary particles. Three lectures and one two-hour laboratory period per week.

Prerequisite: PHY 1 or PHY 11-12 or the equivalent.

Prerequisite or Co-requisite: MATH 11-12 or 15-16.

*Given in the Mt. Alvernia College Program.

PHY 32 OPTICS (4)

The Department

Gometrical and physical optics theory and use of optical instruments. Three lectures and one two-hour laboratory period per week.

Prerequisite: PHY 1 or PHY 11-12 or the equivalent.

Prerequisite or Co-requisite: MATH 11-12 or 15-16.

PHY 33 MECHANICS (4)

The Department

Newtonian mechanics, rotational motion, wave motion. Three lectures and one two-hour laboratory period per week. Offered 1970-71.

Prerequisite or Co-requisite: MATH 11-12 or MATH 15-16.

PHY 34 ELECTRICITY (4)

The Department

Fundamental laws of electric and magnetic fields: electric circuits; principles of electronics: electrical measuring instruments. Three lectures and one two-hour laboratory period per week.

Prerequisite: PHY 1 or PHY 11-12 or the equivalent.

Prerequisite or Co-requisite: MATH 11-12 or 15-16.

PHY 42 EXPERIMENTAL SPECTROSCOPY (4)

The Department

Methods of spectroscopy, including study of instruments, emission and absorption spectra, applications of spectroscopy to astronomical, biological, chemical, and physical problems. Three lectures and one two-hour laboratory period per week.

Prerequisite: PHY 32.

PHY 47-48 INDEPENDENT STUDY (4, 4)

Miss Weeks

This course is adapted to the interest and needs of the individual student and may be in one of the following fields: advanced analytical and quantum mechanics, electromagnetic theory, astrophysics, nucleus physics, advanced optics, solid state physics.

Prerequisite: 16 credits in Physics or the equivalent.

POLITICAL SCIENCE

Requirements for majors, starting with the Class of 1971: A grade of C or higher in both semesters of the pre-major course, PS 21-22, to be taken in the Sophomore year and a grade of C or higher in at least eight semesters of upper-division courses listed among the offerings of the Department. The following upper-division courses are required from all students majoring in political science: PS 35; PS 51; PS 100; a choice of either PS 33-34 or HIS 73-74; a choice of either PS 39-40 or PS 53-54.

Requirements for majors in the Class of 1970: A grade of C or higher in both semesters of the former pre-major course PS 23-24 (its equivalent in the present listing is PS 53-54) and a grade of C or higher in at least eight semesters of upper division courses listed among the offerings of the Department or in additional courses listed in other Departments but counting as upper-division units in the field of Political Science. All students in the Class of 1970 majoring in Political Science are required

to take the following courses: PS 21-22 (as equivalent to the previous listing PS 31-32); PS 35, PS 51; PS 100; a choice of either PS 33-34 or HIS 73-74.

Additional requirements for all Classes: All students must submit an acceptable Senior Essay on an approved topic and pass the written comprehensive examinations given on one day and programmed for five hours. Students taking the equivalent of a required course at other institutions, and only by permission of the Chairman of the Department, must pass an evaluating examination on that area to be administered by the Department.

Sophomores majoring in Political Science are strongly advised to take PS 11-12. There are no pre-requisites for Freshmen intending to major in Political Science. They are advised to concentrate on a foreign language.

Note: Offerings with numeration of 1 up to 19 are lower-division introductory courses; numeration of 20 to 29 the pre-major requirements; the numbers from 30 to 99 indicate upper-division regular courses, while the numbers over 100 designate the seminar type offerings, equivalent to the upper-division status.

PS 2 INTRODUCTION TO POLITICAL SCIENCE (3)

Mr. Gleiman

A study of the leading ideas of the Western political tradition and their application to the analysis of contemporary political systems. Open to and designed for freshmen. Offered 1970-71.

PS 3 PRO-SEMINAR IN THE UNITED NATIONS (3)

Mr. de Lacoste

Structure and procedures of the U.N.O.; issues before the twenty-fourth General Assembly. Includes the analysis of the behavior of selected national delegations in the Organization. The course is designed especially for students planning to attend the National Model United Nations through the college's International Relations Club.

PS 21-22 HISTORY OF POLITICAL THOUGHT (3, 3)

Mr. Gleiman

A study in the history of political ideas and of their possible contemporary relevance. Attention directed also to the socio-historical context and to the philosophical and/or religious assumptions: from the Greek Polis to the present. For the Class of 1970, this course corresponds to the former PS 31-32. Offered every year.

PS 33-34 AMERICAN GOVERNMENT (3, 3)

Mr. Conway

First semester devoted to the Federal system with attention directed to the Constitution, civil rights, the presidency, Congress and the federal judiciary. Second semester concerns the state and local areas with attention directed to the state constitutions, governorship, legislature; rural local government, the county and its traditional offices, state courts and municipal governments; the rising challenge of the metropolitan problems. Offered every year.

PS 35 INTERNATIONAL LAW AND ORGANIZATION (3) *Mr. de Lacoste*

Theory and practice of international law; sources and subjects of international law; the law of the sea; air and outer space law; ways of settling disputes among the states; the individual and international law; legal aspects of international political conflicts; the U.N.O. and international law. Offered every year.

PS 37-38 AMERICAN POLITICAL THOUGHT (3, 3) *Sister McMullen*

Selected problems in American Political Thought to be explored intensively.

PS 39-40 INTERNATIONAL RELATIONS: 1945 TO PRESENT (3, 3) *Mr. de Lacoste*

An analysis of world politics, from bi-polarism to polycentrism; structures and dynamics of state interaction; the politics of international organizations; processes of international integration; approaches to problems of security and world order; major contemporary issues in international relations. Offered every year.

PS 43 AMERICAN POLITICAL PARTIES (3) *Mr. Conway*

Nature and purpose of political parties; the history of major and minor political parties; party leadership and techniques; the suffrage. A reading-discussion course. Offered 1970-71.

Prerequisite: PS 33-34 or PS 2.

PS 44 STATE AND LOCAL GOVERNMENT IN THE UNITED STATES (3) *Mr. Conway*

State constitutions, fiscal practice, taxation, budgeting, governorship, electoral laws, legislature, judiciaries, city, county and town administrations; the problems of metropolitan areas.

PS 45, 46 PUBLIC ADMINISTRATION (3) *Mr. Conway*

Basic concepts and organization principles of bureaucracy; the place of administration and the role of administrators in the American system of government; patronage and merit; career service and political executives; pressure groups. The process of social, economic and financial decision-making; the interaction of institutions, ideas and power in decisions concerning economic planning, fiscal policies and related policy areas. PS 46 is equivalent to PS 45 but is given in the second semester.

PS 51 POLITICAL THEORY (4) *Mr. Gleiman*

A comparative topical study involving both empirical and theoretical issues of politics. Exploration of the scientific, philosophical, and ideological foundations of contemporary political theories; introduction to system analysis; types and models. Intensive reading program and three major written assignments. Recommended only for Seniors majoring in political science. Offered every year.

PS 52 POLITICAL SOCIOLOGY (3) *Mr. de Lacoste*

An introduction into selected areas of political sociology: involving the study of some representative theorists; the physical and social framework of politics; sources of political antagonism; political strategies; the process of political integration; public opinion; voting patterns; propaganda. Offered every year.

PS 53-54 COMPARATIVE POLITICS (3, 3) *Mr. de Lacoste*

A comparative analysis of political patterns and systems selected from the West European, Soviet and Asian areas: France, Great Britain, West Germany and the USSR: Japan, India and China. Major issues in the political development of Africa. Offered every year.

- PS 100 POLITICAL SCIENCE SEMINAR (1) *Mr. Gleiman*
Individual oral and written defense of the students' Senior Essay. Discussion and criticism of the individual presentation. Open only to Seniors majoring in political science. Offered every year.
- PS 101 DISSENT AND REVOLUTION (3) *Mr. Gleiman*
A reading-discussion course concerned with the inquiry into the nature and justification of contemporary revolution and dissent: representative works of Marx, Georges Sorel, Lenin, Djilas, Gandhi, Ernesto 'Che' Guevara, Emmanuel Mounier, Herbert Marcuse and others. Bi-weekly sessions. Open to Juniors and Seniors with the approval of the instructor. Offered every year.
- PS 102 CHURCH AND MODERN POLITICAL SYSTEMS (3) *Mr. Gleiman*
A reading-discussion course covering some issues concerning the positions of the church in the modern political situation. From the French Revolution to the present. Selected reading assignments of sources and studies to be programmed for bi-weekly discussions. Individual consultations with the instructor upon request. Open to all Juniors and Seniors with the approval of the instructor. Offered 1970-71.
- PS 121-122 LATIN AMERICAN GOVERNMENT AND POLITICS (3, 3) *Mrs. de Kudisch*
Seminar: an analysis of the contemporary distribution of political power and of the major governmental structures in Latin America. Special attention to the political aspects of the economic and social developments; the influence of ideologies on public policy; the role of interest groups.
Prerequisite: HIS 63, 64.
- PS 123 STABILITY AND CHANGE IN WORLD POLITICS (3) *Mrs. de Kudisch*
Seminar: Measurements of power and differential rates of change. Major transformations in the twentieth century world politics. Selected readings on political movements. Distribution of power. The Western State System and its transformation into a world system. Registration for this course by permission of the instructor only. Prerequisite: an adequate course work in the area of international relations.
- PS 131 URBAN PROBLEMS (2) *Sister McMullen*
Study of selected urban problems with lectures, discussions and papers. Open to Juniors and Seniors by approval of the instructor and limited to ten in number.
- PS 134 RACE RELATIONS IN AMERICA (2) *Sister McMullen*
Analysis of the political, social, cultural, and economic factors underlying contemporary race relations and an examination of the attempts to resolve racial problems.
- PS 151-152 SECULARIZATION (3, 3) *Mr. Gleiman*
An inquiry into the origins, structural dynamism and ideological variants of the problematic phenomena of "de-Christianization" in the contemporary scientific-technological revolution: the rise, the nature and the aspirations of atheist humanisms and of some Christian alternatives. Impact and symptomatic relevance of Hegel, Feuerbach, Marx, Proudhon, Nietzsche, Dostoevsky, Ernst Bloch, Emmanuel Mounier and Vatican II. Issues in the "Christian-Marxist" dialogue and the significance of the Czechoslovak crisis of 1968. Intensive reading program comprising a few required readings and, then, open to personal concentration in preferred related areas. Open to Juniors and Seniors with the approval of the instructor. Grading on PASS-FAIL basis only.

Additional courses counting as upper division courses:

HIS 37-38	RUSSIAN INTELLECTUAL AND POLITICAL HISTORY (3, 3)	
	See page 55 for description.	<i>Mr. Roodkowsky</i>
HIS 50	REVOLUTIONARY EUROPE (3)	<i>Mrs. McHugh</i>
	See page 55 for description.	
HIS 59-60	HISTORY OF RUSSIA AND THE SOVIET UNION (3, 3)	<i>Mr. Roodkowsky</i>
	See page 55 for description.	
HIS 61	HISTORY OF THE RUSSIAN REVOLUTION (3)	<i>Mr. Roodkowsky</i>
	See page 55 for description.	
HIS 62	CULTURE OF THE SOVIET UNION (3)	<i>Mr. Roodkowsky</i>
	See page 55 for description.	
HIS 64	CONTEMPORARY LATIN-AMERICAN PROBLEMS (3)	<i>Mrs. de Kudisch</i>
	See page 56 for description.	
HIS 73-74	AMERICAN CONSTITUTIONAL DEVELOPMENT (3, 3)	<i>Mr. Flannagan</i>
	See page 56 for description.	
HIS 75-76	AMERICAN FOREIGN POLICY (3, 3)	<i>Mr. Flannagan</i>
	See page 57 for description.	
HIS 77-78	A POLITICAL HISTORY OF 20TH CENTURY U.S. 1900-PRESENT (3)	
	See page 57 for description.	<i>Mr. Flannagan</i>
EC 38	AMERICAN POLITICAL ECONOMY (3)	<i>Mr. Conway</i>
	See page 45 for description.	
EC 39-40	COMPARATIVE SYSTEMS (3, 3)	<i>Mr. Nemethy</i>
	See page 45 for description.	
EC 54	ECONOMICS AND POLITICS OF DEVELOPING NATIONS (3)	<i>Mrs. de Kudisch</i>
	See page 46 for description.	
PHIL 44	PHILOSOPHY OF THE COMMUNITY (3)	<i>Mr. Curran</i>
	See page 64 for description.	
PHIL 49-50	PHILOSOPHY AND HISTORY OF COMMUNISM (3, 3)	<i>Mr. Roodkowsky</i>
	See page 65 for description.	
PSY 40	SOCIAL PSYCHOLOGY (3)	<i>Miss Hoffman</i>
	See page 73 for description.	
PSY 49	INTERNATIONAL SOCIAL PSYCHOLOGY (2)	<i>Miss Hoffman</i>
	See page 74 for description.	
REL 88	NATURAL LAW: HISTORICAL AND SYSTEMATIC INTERPRETATIONS (3)	
	See page 80 for description.	<i>Mr. Pierce</i>
RUS 37-38	SURVEY OF RUSSIAN LITERATURE IN ENGLISH TRANSLATION (3, 3)	
	See page 81 for description.	<i>Mr. Roodkowsky</i>

SOC 40 URBAN SOCIOLOGY (3)
See page 83 for description.

Mr. Schneider

PRE-MEDICAL STUDIES

A pre-medical student should make out her program in her Freshman year with the advice of the Coordinator of Science Programs, and in accordance with the entrance requirements of the medical schools to which she intends to apply.

PSYCHOLOGY

Requirements for majors: Psy 3 or 4 and Math 17 or 18 in Freshman year; Psy 11 and Psy 12 in Sophomore year; Psy 31, 34, 61-62 and in the Senior year Psy 64; a minimum of eight upper-division courses exclusive of Psy 64 must be completed with a grade of C or better; the remaining required upper-division courses may be chosen from the courses offered in the Department, numbered above 30, or Phil 42. Other requirements are: a satisfactory thesis in the area of the individual student's choice; passing of three days of Comprehensive Examinations; and a satisfactory score on the Graduate Record Examination (or an objective test) in Psychology taken in the Junior or Senior year. Students are urged to complete their language requirements by the end of their Sophomore year. In addition to Experimental Psychology and the Psychological Statistics course, students are urged to take an additional laboratory elective.

PSY 3, 4 HUMAN ANATOMY (3)

Mrs. Groer

A study of all the systems of man including both gross and microscopic anatomy. Psy 4 is equivalent to Psy 3 but is given in the second semester.

PSY 9 GENERAL PSYCHOLOGY (3)

Mrs. Fama

A beginning course in psychology for non-psychology majors. Emphasis will be placed on the chief problems of psychology and their practical applications.

PSY 11 INTRODUCTION TO PSYCHOLOGY (3)

Sister Gorman

A study of the chief problems of psychology and an introduction to methods of research.

PSY 12 INTRODUCTION TO PSYCHOLOGICAL STATISTICS (3) *Miss Hoffman*
An introduction to statistical terms and concepts; measures of central tendency, variability, and relationship; theory of sampling; reliability of statistical measures; regression and prediction. No late registrants will be accepted in this course.

PSY 31 THEORIES OF PERSONALITY (3) *Miss Hoffman*
A consideration of the major personality theories. Attention is given to their utility in understanding normal personality.

PSY 32 PSYCHOLOGICAL ASSESSMENT I (3) *Mr. Villani*
Major techniques examined using the case study method with emphasis on projective tests. Appraisal of validity. Interrelations of test, theory, clinical practice, and research.

PSY 33 PSYCHOLOGICAL ASSESSMENT II (3) *Mr. Villani*
Study of selected tests. Interviewing, testing, and interpretation of data from actual subjects.

Prerequisite: PSY 32 or equivalent.

PSY 35 PHYSIOLOGICAL PSYCHOLOGY (3) *Dr. Botticelli*
A study of the effect of the systems of the body on the personality with major emphasis on the nervous system. This course presupposes a knowledge of human anatomy.

PSY 36 HISTORY OF PSYCHOLOGY (3) *Mr. Larsen*
A study of the philosophical bases of empirical psychology, its rise and development, with careful reading of the works of the great psychologists such as James, Watson, Pavlov, Tolman, Skinner, and Piaget.

PSY 37 DEPTH PSYCHOLOGY (3) *Sister Gorman*
Readings and discussion of the works of Freud, Adler, Jung, Horney, Sullivan, Fromm and the existential analysts with emphasis on their theories of religion, creativity, and society.

PSY 38 DEVELOPMENTAL PSYCHOLOGY (3) *Sister Gorman*
Study of the emotional, moral, intellectual and social problems of each age from childhood through old age in the light of various theories of human development, especially those of Erikson, Piaget, Allport.

PSY 39 COMPARATIVE PSYCHOLOGY (3)
An introductory course in psychology of animal behavior. Major topic areas will include: Why study animal behavior?; methodological considerations in animal research; sensory processes; instinct theory; experience and development of behavior. Not offered in 1969-70.

PSY 40 SOCIAL PSYCHOLOGY (3) *Miss Hoffman*
The study of infra-human and human interaction. Special attention to communication and person perception.

PSY 41 LEARNING THEORY (3) *Mrs. Fama*
A thorough study of the theoretical formulations about learning as well as a review of the empirical research on learning.

PSY 42 INDUSTRIAL PSYCHOLOGY (3)

Mrs. Fama

Emphasis will be placed on the theoretical and social foundations of industrial psychology. Topic areas considered will include: decision making; organizational behavior; human relations and management problems; principles of human performance.

PSY 45-46 CLINICAL PROCEDURES (4-6)

Mrs. Ablon

A year-long course offering one or two afternoons of field work with adults or children. The lectures will emphasize diagnostic and therapeutic processes, different theories of therapy, and an evaluation of their effectiveness. Students must enroll for both semesters. No credit will be given for one semester only.

PSY 47 PSYCHOPATHOLOGY (2 OR 4)

Mr. Larsen

An introductory survey of mental and emotional disorders, illustrated with case histories. Students participating in the Medfield State Hospital Undergraduate Field Training Program will receive two additional credits.

PSY 49 INTERNATIONAL SOCIAL PSYCHOLOGY (2)

Miss Hoffman

A study of interaction at the inter-nation level. Focus of attention to perceptual, persuasive and decision-making processes, and to information, communication-net facilitation and noise reduction.

PSY 51 THE PSYCHOLOGY OF RELIGION (3)

Sister Gorman

A study of the psychological aspects of religion as seen in recent studies in the fields of psychoanalysis, psychotherapy and psychology in general. Students will also be referred to the psychological writings of such philosophers as Kierkegaard, Buber and Marcel. Open to Juniors and Seniors.

PSY 53 GROUP DYNAMICS (3)

Miss Hoffman

Study of small groups and large organizations. Attention is given both theoretical formulation and empirical findings concerning group process. Offered 1969-70.

PSY 54 THEORIES OF THE SELF IN PSYCHOLOGY AND PHILOSOPHY (3)

Sister Gorman

An inquiry into the development of the idea of the self as seen by philosophers and psychologists from Decartes to the present day. Offered 1970-71.

PSY 56 ADVANCES AND PROBLEMS IN THE STUDY OF THINKING (3)

Miss Hoffman

A consideration of the development and possible forms of cognitive process. Attention to language acquisition, curiosity and novelty, creativity and related phenomena.

PSY 57 PROBLEMS IN THE CONCEPT OF IDENTITY (3)

Miss Hoffman

A study of the utility of the concept of identity. Consideration of the determinants of a sense of identity. Offered 1970-71.

PSY 58 CULTURE AND PERSONALITY (3)

Miss Hoffman

Consideration of the complex inter-relationships between social and personal determinants of behavior. Offered 1970-71.

Prerequisite: Psy 31 or Psy 40.

PSY 61-62 EXPERIMENTAL PSYCHOLOGY (3, 3)

Mr. Wysocki

Basic concepts and development of experimental psychology. Introduction to experimental methods and writing research reports. Laboratory experiments in sensorimotor reactions, reaction time, association and learning processes, work and fatigue curve, emotional reactions, and social behavior.

PSY 63, 64 SEMINAR IN PSYCHOLOGY (2)

The Department

Current issues in psychology are explored and discussed. Attendance is required. PSY 64 is equivalent to PSY 63 but is offered in the second semester.

PSY 65-66 INDEPENDENT RESEARCH (2, 2)

The Department

Selected upperclassmen will be allowed to do research on projects under qualified psychologists in the Boston area.

MATH 17, 18 FINITE MATHEMATICS (3)

Sister Schickel

See page 58 for description of this course which is required of Psychology majors, preferably in the Freshman year.

Phil 40 and Ed 3, 4, 7 and 8 courses in Education will be accepted as a psychology credit but not as fulfilling the upper-division requirement.

RELIGION

General Requirements: All students are required to take six courses in religion before graduation. These requirements are fulfilled in the following way: two courses during the Freshman and Sophomore years and two additional courses from a list of electives at some time during the Junior and/or Senior years.

Requirements for majors in Religion: The courses taken during the Freshman and Sophomore years will suffice for the four prerequisite courses. A grade of C or better will be required in these courses. In addition, eight upper-division courses will be required as follows: one in each of the areas of Biblical Studies, Systematic Theology, Moral Theology, Church History and the Comparative Study of Religions, and three in a given area under departmental guidance. A grade of C or better will be required in these upper-division courses. The language requirements for Biblical Studies will be an ancient Biblical language (ordinarily Greek) and one modern language (French or German). The language requirement for the remaining areas will be one modern language (French or German). All language requirements must be fulfilled by the end of the Junior year in order to qualify for the major. A grade of C or better will be required in these upper-division courses. In addition, all students must present an acceptable Senior Essay with a grade of C or better and pass a Comprehensive Examination with at least a C average.

REL 1A1 INTRODUCTION TO THE HISTORY AND LITERATURE OF ISRAEL (3)

Mr. Kline

This course will trace the development of the history of Israel from the second millenium B.C. through the Exile into the post-exilic period, set in the larger context of developments in the Ancient Near East. Particular emphasis will be given to the Exodus, the rise of the monarchy, the rise of prophetism, and the Exile. The corresponding developments in the Literature and the theological/religious views of Israel will be dealt with.

REL 1A2 INTRODUCTION TO THE HISTORY AND LITERATURE OF ISRAEL (3)

Mr. Kline

See description for REL 1A1.

REL 2A1 INTRODUCTION TO THE HISTORY AND LITERATURE OF EARLY CHRISTIANITY (3)

Mr. Kline

This course will trace the rise of early Christianity in the context of its Jewish background through its spread into the Gentile world up to the early second century. Attention will be given to the development of the literature of early Christianity and to the variety of responses made to various issues and problems that arose.

Prerequisite: INTRODUCTION TO THE OLD TESTAMENT or permission of the instructor.

REL 2A2 INTRODUCTION TO THE HISTORY AND LITERATURE OF EARLY CHRISTIANITY (3)

Mr. Kline

See description for REL 2A1.

REL 1B1 INTRODUCTION TO THE OLD TESTAMENT (3)

Mr. Rogers

Survey of Old Testament literature including extensive study of the historical theological development of the people of Israel. Emphasis on these major themes which form the background for an understanding of the New Testament. Consideration throughout the course on the relevance of the Old Testament to the modern world.

REL 1B2 INTRODUCTION TO THE OLD TESTAMENT (3)

Mr. Rogers

See description for REL 1B1.

REL 2B1 INTRODUCTION TO THE NEW TESTAMENT (3)

Mr. Rogers

Survey of the literature of the New Testament including an analysis of the cultural and theological milieu out of which the early church emerged. Careful study of the life and thought of Paul and of the gospel portraits of Jesus Christ. Consideration throughout on various methods of interpreting the New Testament to the modern world.

Prerequisite: INTRODUCTION TO THE OLD TESTAMENT or by permission of the instructor.

REL 2B2 INTRODUCTION TO THE NEW TESTAMENT (3)

Mr. Rogers

See description for REL 2B1.

REL 1C1 INTRODUCTION TO THE STUDY OF THE OLD TESTAMENT (3) *Miss Sander*

A study of the literary, religious and historical development of Israel and her traditions up to the Intertestamental Period. Special emphasis will fall on the developing theological concepts of the religion of Israel.

REL 1C2 INTRODUCTION TO THE STUDY OF THE OLD TESTAMENT (3) *Miss Sander*

See description for REL 1C1.

REL 2C1 INTRODUCTION TO THE STUDY OF THE NEW TESTAMENT (3) *Miss Sander*
A study of the literary material of early Christianity and its growth and development theologically and historically from the Jewish matrix from which it emerged to its adaptation in the Hellenistic World.

Prerequisite: INTRODUCTION TO OLD TESTAMENT or by permission of the instructor.

REL 2C2 INTRODUCTION TO THE STUDY OF THE NEW TESTAMENT (3) *Miss Sander*
See description for REL 2C1.

REL 3A1 INTRODUCTION TO THEOLOGY I (2) *Mr. Fink*
A general introduction to Christian theology. Beginning in "in media res", this course will consider some points of contact between the human and the Divine with an effort to understand precisely what this religious dimension of man may mean in respect to God as present in Jesus. Thus the topics Christology, Trinity, Revelation, Faith, Theology will be discussed.

REL 3A2 INTRODUCTION TO THEOLOGY I (2) *Mr. Fink*
See description for REL 3A1.

REL 4A1 INTRODUCTION TO THEOLOGY II (2) *Mr. Fink*
From the groundwork laid in the first semester, this general introduction will go on to consider some further areas of contact with the God present in Jesus: as extended generically under the topics of Grace and Redemption, as extended specifically in the topics of Christian ethics, theology of history, theology of politics, Christian spirituality, theology of Hope, etc.

REL 4A2 INTRODUCTION TO THEOLOGY II (2) *Mr. Fink*
See description for REL 4A1.

REL 3B1 INTRODUCTION TO THEOLOGY (2) *Mr. Maguire*
A general introduction to the nature and methods of theology including the reflection as to why and how such a thing as theology exists at all (fundamental theology or apologetics); the essentially conscious in faith effort of the Christian to hearken to the actual verbal revelation that God has promulgated in history (revelation theology); the undistorted hearing of God's salvatory word as permanently existing in the church (real theology).

REL 3B2 INTRODUCTION TO THEOLOGY (2) *Mr. Maguire*
See description for REL 3B1.

REL 4B1 THE CONTEMPORARY PROBLEM OF THEISM (2) *Mr. Maguire*
An analysis of the contemporary problems associated with question of theism: the reality of God, our knowledge of God, the use of the term "God", the complexities behind the phenomenon of atheism and agnosticism in their many contemporary guises.

REL 4B2 THE CONTEMPORARY PROBLEM OF THEISM (2) *Mr. Maguire*
See description for REL 4B1.

REL 3C1 KNOWLEDGE OF GOD I (2) *Mr. Murnion*
Introduction to theology; the revelation of God in the history of Israel; the presence of God in Jesus Christ according to the New Testament; the mission of the Spirit of God.

REL 3C2 KNOWLEDGE OF GOD I (2) *Mr. Murnion*
See description for 3C1.

- REL 4C1 KNOWLEDGE OF GOD II (2) *Mr. Murnion*
The development within the church of the doctrine of the Trinity; the patristic, the medieval, and the modern conceptions of theology; the contemporary crisis; an essay at method.
- REL 4C2 KNOWLEDGE OF GOD II (2) *Mr. Murnion*
See description for REL 4C1.
- REL 3D1 INTRODUCTION TO THEOLOGY (2) *Mr. Pierce*
An introduction to the aims and methods of theology. This course will consider the status of theology as an intellectual discipline as well as the various types of theological discourse: descriptive Biblical, dogmatic, and fundamental theology.
- REL 3D2 INTRODUCTION TO THEOLOGY (2) *Mr. Pierce*
See description for 3D1.
- REL 4D1 PROBLEM OF THEISM (2) *Mr. Pierce*
This course will take up the question of theism. A study of the meaning of the term "God" at various stages in the evolution of Christian thought will be the main concern of this course, and special attention will be given to the phenomenon of contemporary atheism. Readings will be drawn from classical and contemporary sources.
- REL 4D2 PROBLEM OF THEISM (2) *Mr. Pierce*
See description for REL 4D1.
- REL 3E1 INTRODUCTION TO THEOLOGY (2) *Sister Santen*
A course that stresses the nature and methods of theology as a science which treats of the relationship between man and God. It will include an analysis of problems concerning Revelation, Faith, and Grace. Readings to introduce the student to authors, themes, and methods of various theologies will be required.
- REL 3E2 INTRODUCTION TO THEOLOGY (2) *Sister Santen*
See description for REL 3E1.
- REL 4E1 GOD AND CREATION (2) *Sister Santen*
The course includes study about the one God, the Personhood of God, Creation, Original Sin, Evil. A term paper and readings from the Fathers of the Church and from modern theologians will be required.
- REL 4E2 GOD AND CREATION (2) *Sister Santen*
See description for REL 4E1.
- REL 5-6 OLD TESTAMENT THEOLOGY (2, 2)* *Father Bucke*
An introduction to the study of the Old Testament emphasizing the literary genre of the Israelite religious literature. A study of the Historical, Prophetical, and Sapiential books of the Old Testament.
- REL 3I BIBLICAL ARCHAEOLOGY AND THE HISTORY OF ISRAEL (3) *Mr. Rogers*
History and methods of Palestinian excavations including a survey of several archaeological sites. Analysis of the contributions of archaeological research to a more accurate understanding of the history of the people of Israel. Some attention will be given to present knowledge of ancient Near Eastern history (and Israel's place within that history) as determined by archaeological finds.

*Given in the Mt. Alvernia College Program.

REL 32 OLD TESTAMENT PROPHETS (3)

Mr. Rogers

The prophets as a major influence in the historical and theological development of the people of Israel. The phenomenon of prophetism and its development will be studied in detail. In depth study of selected prophetic books including Isaiah, Amos, Hosea, and Second Isaiah. Emphasis throughout the course on the relevance of the prophets and the prophetic ideal to the modern world.

REL 33 INTRODUCTION TO THE INTERTESTAMENTAL LITERATURE (3)

Miss Sander

A study of canonical and extra-canonical writings (including the sectarian documents from Qumran) and of their influence on the thought, expectations and development of early Christianity.

Prerequisites: Introduction to Old Testament and New Testament and permission of the instructor.

REL 34 ADVANCED STUDY OF THE NEW TESTAMENT (3)

Miss Sander

Concentrated study of groups of books of the New Testament such as the Synoptic Gospels, the Pauline Epistles, etc. to be arranged according to the particular needs and interests of the students.

Prerequisites: Introductions to Old Testament and New Testament and permission of the instructor. Elementary Greek would be useful for majors but is not a prerequisite.

REL 41 CHRIST INCARNATE AND THE CHRISTIAN LIFE TODAY (3)

Sister Santen

Christ as Mediator, Redeemer, the Sacrament of God, the living Body of Christ and personal life in that Body. A term paper dealing with a current Christological problem and required readings are integral parts of the course.

REL 52 THE CATHOLIC CHURCH IN AMERICA (3)

Mr. Fink

"Praxis Ecclesiae"; after an historical and sociological review of the components that make up the American Catholic heritage, a theological and spiritual exegesis will be attempted in order to determine what (if any) specific contributions have been offered by American Catholicism to the ongoing reality of Christianity. A major portion of this course will be devoted to a study of such figures as Merton, Sheen, Murray, Day, etc.

REL 54 THE RENEWAL OF THE CHURCH SINCE VATICAN II (3)

Father Nolan

A historical perspective and analysis of growth and crisis; a study of the Council documents, especially *The Church*, *The Church in the Modern World*, *Ecumenism*, *The Liturgy*, and *Religious Freedom*. This course will examine the structures of the church and the problems of change and continuity.

REL 61 SACRAMENTAL THEOLOGY (3)

Father Nolan

The relationship of worship and life. Theological perspectives on the meaning of sign and symbol. The course will center on the sacramental actions of baptism, confirmation, the eucharist, and penance; the recent theological developments; and the link to problems of existence and integral human life.

REL 62 THE SACRAMENTS ENCOUNTER WITH CHRIST (3)

Sister Santen

The ecclesial, communal and personal dimensions of each of the Sacraments will be studied. Required readings and independent work form an integral part of this course.

REL 71 HISTORY OF THE CRISIS OF THE CHURCH IN THE MODERN WORLD I (3)

Mr. Murnion

Position of the problem: the contemporary crisis in the church; roots of the crisis in the process of modernization, in revolution, in secularization; the nature of the problem for the church (authority, ecumenism, mission, social gospel).

REL 72 HISTORY OF THE CRISIS OF THE CHURCH IN THE MODERN WORLD II (3)

Mr. Murnion

Position of the problem (cont.): the uniqueness of Jesus Christ (form-criticism, tradition, history, hermeneutics); the meaning of God (proof, knowledge, existence, possibility). Essay at solution: growth and development in the church and in theology; the contribution of theology to the future of man (prediction? prophecy? process? perspective?).

REL 81, 82 CONTEMPORARY CHRISTIAN MORALITY AND MARRIAGE (3)

Mr. Maguire

Christian morality today (renewal of moral theology) and its application to Christian marriage including the notions of Christian love, sexuality and the engaged couple, marriage, mixed marriages, birth control, marriage counseling and possibility of "second marriages". This course, whose emphasis will be doctrinal and pastoral, will be discussed principally in the light of Vatican II and its sequel. REL 82 is the equivalent of 81 but is offered in the spring semester.

REL 83 ELEMENTS OF CHRISTIAN ANTHROPOLOGY (3)

Mr. Fink

After an initial review of cultural anthropology, this course will attempt an in-depth discussion of such "human existentials" as time, life, history, death, etc. in light of the recent logical work of Karl Rahner ("supernatural Existential"), Teilhard de Chardin ("Cosmogensis") and Hans Urs Von Balthazar ("Universale Concretum").

Prerequisite: Introduction to Theology or by permission of instructor.

REL 85 CHRISTIAN SOCIAL ETHICS (3)

Mr. Pierce

Introduction to the study of selected theological doctrines and social-problem areas, illustrating the relations between theological ethics and the social sciences in their bearing on the responsibilities of the churches in face of the social order. Special attention will be given to the social teachings of Vatican II.

REL 88 SEMINAR: NATURAL LAW-HISTORICAL AND SYSTEMATIC INTERPRETATIONS (3)

Mr. Pierce

An examination of the role of natural law theory in the Western religious, philosophical, and political tradition. Readings in classical, medieval, early modern, and contemporary thinkers. Special attention will be focused on the notion of a "just war" as an example of possible tensions between a natural law ethic and a Christian theological ethic.

Prerequisite: Permission of the instructor.

RUSSIAN

Requirements for majors: Rus 33-34, 35-36, 37-38, 39-40; a minimum of eight upper-division courses with a grade of C or better; a satisfactory Senior Essay in an area of the individual student's choice; the passing of three days of combined oral and written comprehensive examinations.

RUS 1-2 ELEMENTARY RUSSIAN (4, 4) *Mrs. Havens*
Simplified Russian Grammar supplemented by elementary reading from Graded Readers. One hour of language laboratory work required.

RUS 3-4 SCIENTIFIC RUSSIAN (2, 2) *Mrs. Afan*
Translation of scientific and technical texts.
Prerequisite: Rus 1-2.

RUS 9-10 INTERMEDIATE RUSSIAN (3, 3) *Mrs. Havens*
Advanced grammar. Intermediate reading of selected prose. Translation of magazine articles. One hour of language laboratory required.

RUS 33-34 RUSSIAN CONVERSATION-COMPOSITION I (2, 2) *Mrs. Afan*
Elementary conversation with intense study of vocabulary and practice in speaking.
Prerequisite: One year of Russian.

RUS 35-36 RUSSIAN CONVERSATION-COMPOSITION II (2, 2) *Mrs. Afan*
Russian conversation on advanced level, with review of grammar, and written compositions. Conducted entirely in Russian.

RUS 37-38 SURVEY OF RUSSIAN LITERATURE IN ENGLISH TRANSLATION (3, 3) *Mr. Roodkowsky*
A reading and critical analysis of the major works of Russian classics in English translation from Pushkin to Pasternak. Includes an examination of all Dostoevsky's major works. Discussion of the main tendencies in Russian thought. An attempt to understand through literature the development of Russian social and revolutionary movements which gave rise to the Bolshevik totalitarian system. Conducted in English.

RUS 39-40 THIRD YEAR RUSSIAN CIVILIZATION (3, 3) *Mrs. Havens*
The purpose of this course is to introduce the language student to Russian civilization: history, art, music, and the geography and economy of the Soviet Union. Also review of grammar. Conducted in Russian. One hour of language laboratory work required.

RUS 41-42 A SURVEY OF RUSSIAN LITERATURE
Offered 1970-71.

RUS 43-44 ADVANCED RUSSIAN COMPOSITION (2, 2) *Mrs. Havens*
Creative writing with stress on grammar, structure, and composition.

HIS 37-38 RUSSIAN INTELLECTUAL HISTORY (3, 3) *Mr. Roodkowsky*
See page 54 for description.

HIS 59-60 HISTORY OF RUSSIA AND THE SOVIET UNION (3, 3) *Mr. Roodkowsky*
Conducted in English.
See page 55 for description.

HIS 61 HISTORY OF THE RUSSIAN REVOLUTION (3) *Mr. Roodkowsky*
See page 55 for description.

HIS 62 CULTURE OF THE SOVIET UNION (3) *Mr. Roodkowsky*
See page 56 for description.

PHIL 49-50 PHILOSOPHY AND HISTORY OF COMMUNISM (3, 3) *Mr. Roodkowsky*
See page 65 for description.

SOCIOLOGY

Requirements for majors: Soc 1-2 in Sophomore year; Soc 31-32 and Soc 33 in Junior or Senior year; Soc 49 in Senior year; a minimum of eight upper-division courses with a grade of C or better selected from the courses listed below; a satisfactory Senior Essay; passing of comprehensive examinations.

SOC 1-2 GENERAL SOCIOLOGY (3, 3)

Mr. Nemethy

The study of society and culture. Sociological concepts and terminology. Structure and function of groups. Biological inheritance (race). Population problem. Communities. Collective behavior. Mass communication media and public opinion. War and revolution.

SOC 31 MACRO-SOCIOLOGICAL THEORY: CHANGE IN SOCIETIES (3) *Mr. Schneider*

Various theoretical approaches to the understanding of large-scale changes in societies will be considered, concentrating on those conceptions of change that have emerged from the context of western European and American industrialization, bureaucratization and urbanization of the past two centuries.

SOC 32 MICRO-SOCIOLOGICAL THEORY: PERSPECTIVES ON INTERACTION (3)

Mr. Schneider

Will examine conceptions of interaction processes and outline the challenge of these conceptions to key trends in modern sociological theory.

SOC 33 STATISTICS (3)

Mr. Nemethy

Statistical methods used in Sociology. Collection and presentation of data, measures of central value and dispersion. Probability, the normal curve, statistical inference. Regression and correlation of quantitative and qualitative data. Techniques in social research. Offered 1970-71 and alternate years.

SOC 34 SOCIOLOGY OF RELIGION (3)

Miss Allon

Structural functional analysis of religious ideas.

SOC 35 SOCIOLOGY OF THE FAMILY (3)

Miss Allon

Internal dynamism of the family and the relationship of the family to society.

SOC 36 THE AMERICAN SOCIETY (3)

Mr. Schneider

Will consider various sociological analyses of the development and direction of the American society, particularly since 1800 concentrating particularly on some current radical critiques of American life.

SOC 37 SOCIOLOGY OF DEVIANCE AND CONTROL (3)

Mr. Schneider

The characteristics and outcomes of the process of deviance and the reciprocal process of social control. The crucial theoretical importance of conceptions of deviance and control to contemporary sociology will be examined. Offered 1969-70 and alternate years.

SOC 39 ANTHROPOLOGY (3)

Mr. Nemethy

An introduction to a study of primitive man and the origins of civilization, folkways and institutions of primitive people. Offered 1969-70 and alternate years.

The academic year 1969-70 is marked by a general interest in curricular reform. Faculty members, students and administration have formed task forces to study possible changes. Decision-making procedures have been established so that there may be no time lag between planning and execution. By September 1970, the academic life at Newton College will be considerably altered from what it has been in past years.

While discussion is in progress it is impossible to say exactly what innovations, out of the many under consideration, will actually be adopted. However, one can say with some confidence that the requirements for the BA will be revised. The emphasis will shift from "required courses" to some distribution requirements so arranged that the student will choose at least one pair of semester courses from the areas of religion, philosophy, English, other humanistic studies, natural science and social science. The student will have to demonstrate proficiency in one foreign language. Probably a revised form of The Study of Western Culture will remain the single course to be taken by all students. Perhaps it will be restructured in such a way that the lectures, given as in the past by scholars in many different disciplines, will focus upon great works of art and outstanding writings in various fields and drawn from all the world cultures - and thus SWC might come to mean The Study of World Cultures.

The revision of the requirements for the bachelor of arts degree is directed mainly toward two objectives: greater freedom for the student to design her own curriculum within certain limitations which insure some experience in each of the main areas of study; and a wider choice of courses in the major field and in other disciplines. In view of the same objectives, plans are being made to offer advanced placement in more subjects than heretofore. The various departments are looking into possibilities of cooperative exchange with neighboring colleges. Finally, programs of foreign study will open the way toward many new educational experiences. As the study of degree requirements progresses, and as the major departments analyze their offerings, faculty members are considering whether some innovations in teaching methods may usefully be incorporated into, or replace, the existing system.

It is expected that many of the changes decided upon in the course of 1969-70 will go into operation in September 1970. These changes, it is hoped, will result in opening Newton College to more transfer students, to more students who have some special talent which they wish to develop, and in general to promising candidates who, though possessed of a high level of ability, have not, for one reason or another, attained uniformly high scores or grades in all the subjects usually studied in high school.

- SOC 40 URBAN SOCIOLOGY (3) *Mr. Schneider*
Will examine the rise of cities in both pre-industrial and industrial societies, concentrating on key hypotheses about the sociological concomitants of urbanization, and on some pressing problems facing cities, particularly in the United States.
- SOC 41 SOCIOLOGY OF TECHNOLOGY (3) *Mr. Schneider*
Will examine the role of technology in societies both extinct and extant, concentrating particularly on the social effects of technological changes that have shaped and are shaping modern industrial societies. Offered 1970-71 and alternate years.
- SOC 42 SOCIOLOGY OF OCCUPATIONS (3) *Mr. Schneider*
Will consider historical transformations of work and the differentiation of occupations, and their implications for patterns of stratification, consumption and leisure.
- SOC 44 SOCIOLOGY OF ORGANIZATIONS (3) *Mr. Schneider*
The characteristics of organizations of varying degrees of formality will be examined, focussing particularly on the causes and effects of the development of large-scale bureaucratic organizations.
- SOC 45-46 DIRECTED INDIVIDUAL STUDY (2, 2) *Mr. Schneider*
Intended primarily for juniors wishing to explore a possible thesis topic, but open also to students who wish to explore issues raised in their experiences in social welfare projects.
- SOC 47 SOCIAL STRATIFICATION (3) *Mr. Low-Beer*
A review of theories and of the effects of class position on personality and life chances. The dimensions underlying class systems (power, wealth, occupations, prestige, etc.) will be explored. Recent developments will be examined for their implications for the future.
- SOC 48 MINORITY GROUPS (3) *Mr. Low-Beer*
The principles of intergroup relations emphasizing their underlying social and individual dynamics. Comparative materials from other societies and time periods will be utilized with special attention given to negro-white relations in the United States.
- SOC 49 SENIOR SEMINAR (3) *Mr. Schneider*
Will provide a forum for the ideas of thesis-writing seniors and will develop a format of thesis related topics for study, concentrating particularly on problems of research design.
- SOC 50 SENIOR SEMINAR (2) *Mr. Schneider*
Will provide a forum for the ideas of thesis-writing seniors and will develop a format of thesis related topics for study.
- PSY 53 GROUP DYNAMICS (3) *Miss Hoffman*
See page 74 for description.
- PSY 58 CULTURE AND PERSONALITY (3) *Miss Hoffman*
See page 74 for description.
- EC 39-40 COMPARATIVE SYSTEMS (3, 3) *Mr. Nemethy*
See page 45 for description.

EC 44 LABOR ECONOMICS AND PROBLEMS (3)
See page 45 for description.

Mrs. McDonough

PSY 40 SOCIAL PSYCHOLOGY (3)
See page 73 for description.

Miss Hoffman

PS 52 POLITICAL SOCIOLOGY (3)
See page 69 for description.

Mr. de Lacoste

SPANISH

Requirements for majors: The core program which includes Sp 26, 27, 28, 29; eight upper-division courses including Sp 31-32 passed with a grade of C or better; the passing of a comprehensive examination partly oral and partly written; and an essay satisfactorily completed.

SP 1-2 ELEMENTARY SPANISH (4, 4)

Sister Torres

An introductory course using the oral-aural approach. This course is intended to develop the four skills of languages: speaking, understanding, reading, and writing.

SP 3-4 LOWER INTERMEDIATE SPANISH (3, 3)

Miss Forteza

Continuation of Elementary Spanish at a more advanced level.

SP 5-6 SPANISH READING AND TRANSLATION (2, 2)

Sister Torres

This course aims to develop the comprehension of the Spanish language and techniques of translating by means of sight passages, with individual and class criticism. This course, partly conducted in English, is intended only for the students not majoring in Spanish who wish to meet the foreign language requirement for the degree.

SP 7-8 SPANISH CONVERSATION (3, 3)

Miss Fuster

This course aims to develop skill in the spoken aspect of the language. An intensive study of organized vocabulary, idiomatic expressions, and discussion on everyday topics.

SP 25-26 ORAL AND WRITTEN SPANISH (3, 3)

Miss Forteza

Intensive training in correct expression in both written and spoken language.

SP 27-28 ADVANCED COMPOSITION AND STYLISTICS (3, 3)

Sister Torres

Introduction to the varied types of literary composition in Spanish narration, description, literary analysis, etc.

SP 31-32 SURVEY OF SPANISH LITERATURE (3, 3)

Sister Torres

An historical and critical study of the important literary movements and the most representative authors of Spanish literature from the Middle Ages to the twentieth century. Required of Modern Foreign Language majors if Spanish is elected as one of their languages. Offered 1969-70.

SP 33-34 SPANISH MEDIEVAL LITERATURE (3, 3)

Mr. DiBenedetto

A study of the most significant currents in Spanish poetry and prose (twelfth through fifteenth centuries); reading and analysis of selected works; brief consideration of the style of each author; social, economic and historical background of the time; purpose of the writing and basic linguistic patterns. Conducted in Spanish. Offered 1969-70.

- SP 35 THE THEATRE OF EL SIGLO DE ORO (3) *Miss Forteza*
 Dischronic analysis of the development of Spain's national theatre through selected plays of Lope de Vega, Calderon and Tirso de molina.
- SP 36 SPANISH LITERATURE OF THE NINETEENTH CENTURY (3) *Miss Forteza*
 Detailed study of the trends in Romanticism, Post romanticism, and Realism in the Literature of Spain.
- SP 37-38 PROSE AND POETRY OF THE SPANISH GOLDEN AGE (3, 3) *Mr. DiBenedetto*
 During this course the new literary trends of the Siglo de Oro will be the object of a special study with emphasis on the works of Garcilaso, Herrera, Fray Luis de Leon, Santa Teresa, San Juan de la Cruz, El Lazarillo and Cervantes. Conducted in Spanish.
- SP 39 THE GENERATION OF THE '98 (3) *Miss Forteza*
 A historical study of the novels and poetry of outstanding authors of the twentieth century.
- SP 40 SPANISH CONTEMPORARY NOVEL (3) *Miss Forteza*
 A study of the most important works of Cela, Laforet, Matute, Gironella, Zunzunegui with special attention to ideological contributions and technical developments.
- SP 41 BACKGROUND OF SPANISH AMERICAN CIVILIZATION (3) *Sister Torres*
 A general survey of the most characteristic cultural movements of Ibero-America.
- SP 42 SURVEY OF LATIN AMERICAN LITERATURE (3) *Sister Torres*
 Extensive reading and discussion of Latin American novels and short stories of the nineteenth and twentieth centuries.
- SP 43 SPANISH CIVILIZATION (3) *Sister Torres*
 A study of the cultural contributions of Spain to western civilization. Offered 1970-71.
- SP 44 THE CONTEMPORARY SPANISH THEATER (3) *Miss Forteza*
 A study of the most important works of Gasona, Peman, Buero Vallejo, Sastre, Paso and others, as a reflection of some of the social problems of contemporary Spain.
- SP 45 HISTORY OF THE SPANISH LANGUAGE (3) *Mr. DiBenedetto*
 This course will be concerned with the historical evolution and development of the Spanish language, stressing phonetic and grammatical changes during significant periods. Offered 1970-71.

STUDY OF WESTERN CULTURE

The Study of Western Culture is a two-year integrated course in which political, social, economic, and cultural factors are considered. Emphasis is given to one factor or another according to its importance in the era under consideration. The course is arranged chronologically, the fresh-

man year dealing with Western Culture from antiquity to about the seventeenth century, A.D., and the sophomore year from the seventeenth century to the present. It is not a survey but rather a presentation of problems in various areas. It treats of history, political thought, philosophy, literature, the visual arts, music and science. Lectures are given daily throughout the two years by various faculty members, each speaking on the matter of his own field of specialization, and by guest lecturers. The student may participate in a discussion period weekly, thus earning one extra credit a semester.

Distribution of credits:

<i>Freshman Year SWC I</i>	<i>First Semester</i>	<i>Second Semester</i>
Humanities	2	2
Social Sciences	2	2
Natural Sciences	1	1
<i>Sophomore Year SWC II</i>		
Humanities	2	2
Social Sciences	2	2
Natural Sciences	1	1

In any semester in which a student has earned a sixth credit by participating in a discussion group, this credit should be added to the two assigned to Humanities.

R G 1-2 STUDY OF WESTERN CULTURE I (5 OR 6, 5 OR 6) *Mrs. Dever, Coordinator*
The Faculty and Guest Lecturers

R G 3-4 STUDY OF WESTERN CULTURE II (5 OR 6, 5 OR 6) *Mrs. Dever, Coordinator*
The Faculty and Guest Lecturers

For a description of the content of Study of Western Culture, see page 85.

R G 5 CONTEMPORARY WESTERN CULTURE (6) *Mr. Gleiman*
A tutorial study of some significant aspects of the contemporary culture of the West. Extensive readings and discussions. Offered summer 1970.

R G 6 GREEK AND ROMAN CULTURE (6) *Mr. Gleiman*
This course is designed as a tutorial study of some aspects of the Greek and Roman Legacy. The course will consist of an intensive reading program, class discussion and lectures. Offered summer 1970.

R G 7 MEDIEVAL CULTURE (6) *Mr. Gleiman*
Tutorial study of some aspects of the Legacy of the Middle Ages. Intensive reading programs, class discussion, and some lectures. Offered summer 1970.

TEACHER PREPARATION PROGRAM

The Teacher Education Program is designed to help students who want to teach on the elementary or secondary level to gain as many as 18 semester hours of credit in Education courses as undergraduates. The courses are to be taken as electives and do not constitute a major field.

ED 1-2 PHILOSOPHY OF EDUCATION (2, 2) *Mr. Clarke*
A study of seminal problems in education from historical and philosophical perspectives. The course is characterized by depth discussions of a progressive series of readings on a single problem. The readings will be arranged in historical order during the first semester while the second will study the problem from a philosophic point of view.

ED 3 CHILD GROWTH AND DEVELOPMENT (2) *Mr. Wysocki*
A study of the various stages of development through which the child passes from pre-natal through adolescent in order to obtain knowledge of human behavior and the psychological reasons for the way the child reacts to a given situation.

ED 4 EDUCATIONAL PSYCHOLOGY (2) *Mr. Wysocki*
A study of the psychological and physiological factors which affect the learning process and application of these principles to educational practice.

ED 5-6 THE ELEMENTARY SCHOOL: CURRICULUM, MATERIALS, METHODS (3, 3)
Dr. Linehan, Dr. FitzPatrick, and others
An introduction to the modern elementary school emphasizing the development of the elementary school curriculum and the methods of teaching art, language arts, music, social studies, science and arithmetic in the elementary grades.

ED 7 TESTS AND MEASUREMENTS (2) *Mr. Horrigan*
An introduction to the nature and use of standardized and teacher made tests and to the statistical procedures useful to the classroom teacher.

ED 8 PRINCIPLES OF GUIDANCE (2) *Mr. Horrigan*
An introduction to the principles and practices of guidance and counseling in the modern school.

ED 9-10 THEORIES AND CONCEPTS OF MODERN MATHEMATICS (2, 2) *Mr. Scott*
Application of theories and concepts to elementary and secondary school teaching.

The program for those preparing to teach on the secondary level is the same as for elementary except that the following course should be taken instead of Ed 5-6.

ED 11 ART EDUCATION IN THE ELEMENTARY SCHOOL (2) *Sister Putnam*
A supportive course for those currently teaching art in the elementary school, it will deal particularly with methods of teaching in the light of the child's creative development. One semester only.

ED 13-14 PRINCIPLES AND METHODS OF SECONDARY EDUCATION (2, 2) *Mr. Murphy*
Educational problems will be studied and discussed in depth with a special focus on their relation to the secondary school in America. During the first semester the problems will be studied largely from the historical or survey point of view; while the second semester will attempt to translate these problems in terms of current thinking in the methods and theories of instruction at the secondary level.

ADMINISTRATION OF LAW ENFORCEMENT ASSISTANCE

Newton, since the spring semester of 1969, has received grants from the federal government to allow law enforcement officers to work toward a bachelor's degree. Members of the City of Newton Police Department are entering their third term of this program, which has so far included courses in criminal law, political science and economics, and will be extended to include other types of relevant material suggested by the Law Enforcement Education Program.

Expenses

Tuition and required fees for the academic year	\$1600.00*
Room and Board for the academic year	1100.00
Tuition for part-time students per semester hour	30.00

No reduction or refund of the tuition fee will be made on account of absence, illness, dismissal, or for any other reason.

Special Fees:

Late Registration or Change of Schedule	10.00
Late Reservation	5.00
Semester Examination taken other than at scheduled hour ..	5.00
Car Owner's Permit	25.00
Board during vacation periods, per week	35.00

The College accident and health insurance plan covers limited medical and hospital expense not included in normal infirmary care.

The plan reimburses a parent for all medical expenses up to \$750 which may result from accidents, whether sustained at college, at home, or while traveling between college and home. These expenses include X-rays, hospital bills, fees of nurse, physicians, or surgeons, laboratory costs, medicines, and any other medical cost incurred as a result of an accident.

The policy reimburses a parent, up to \$300 for each illness, for all medical expenses over and above the medical care provided by the College under its regular program. These benefits are in addition to any benefits the insured may be entitled to under any personal policy or membership in any hospital association.

Coverage begins with receipt of the premium payment, but not prior to September 10, and is in force whether the student is in college or not, until September 1970. A full year's premium is charged if coverage is started at any time during the first semester.

A student requiring a special diet will take her meals in the Infirmary. For this there will be a special charge.

*Includes: health and infirmary fees, library fees, student government activities charge, etc.

The fees payable to the college are subject to change at any time at the discretion of the Administration of the college.

DATES OF PAYMENTS—REFUNDS

Bills are rendered annually and are payable in scheduled amounts as follows:

	<i>Resident Students</i>	<i>Non-Resident Students</i>
April 1	\$ 100.00	\$ 100.00
September 15	2000.00	1000.00
February 15	600.00	500.00

Any student whose financial obligation to the College has not been met or arrangements made with the Treasurer by November 1 (March 1) may not remain on campus.

FINANCIAL AID

The Newton College of the Sacred Heart program for financial aid is intended to offer educational opportunities to serious and worthy students of various economic and geographic groups. Financial aid awards vary in amount according to individual need and are renewable yearly if the recipient maintains the established standards as a student and as a member of the College community. Some \$236,000 in scholarships has been awarded for the 1969-70 academic year. This sum includes \$45,000 awarded to 20% of the freshman class.

Application for Financial Aid

Each applicant for admission who desires financial aid must complete and file the following forms prior to the dates indicated:

1. *Newton College of the Sacred Heart Application for Financial Aid.*

This form should be requested from the Admissions Office along with the request for an application for admission. When executed, it should be returned to the Office of Financial Aid with a \$5 fee by November 1, of the senior year, for Early Decision Applicants, and by January 15, for April Decision Applicants.

2. *Parents' Confidential Statement.*

This form is available in the secondary schools or may be obtained by writing to the College Scholarship Service, Box 176, Princeton, New

Jersey 08540 (Eastern Division); Box 881, Evanston, Illinois 60204 (Middle States Division); or Box 1025, Berkeley, California 94701 (West and Southwest Division). This statement should be filed with the College Scholarship Service by October 1, for Early Decision Applicants, and by December 15, for April Decision applicants. The Service will then forward a copy for confidential use to the college or colleges indicated on the form. In every case, financial need is determined by this statement.

SCHOLARSHIPS

The Administration of Newton College of the Sacred Heart offers the following forms of scholarship assistance:

1. Each year, a competitive residence and tuition scholarship in honor of Mother Eleanor S. Kenny, the first President of the College, is awarded to the highest ranking scholarship applicant from Convents of the Sacred Heart *in the Washington Province*. This scholarship may vary in amount up to \$4,000.00 over four years.

2. Each year, a competitive residence and tuition scholarship in honor of Reverend Mother Bodkin, is awarded to the highest ranking scholarship applicant from Convents of the Sacred Heart *outside the Washington Province*. This scholarship may vary in amount up to \$4,000.00 over four years.

3. A limited number of resident scholarships are awarded each year to exceptionally well-qualified *Early Decision* applicants who have financial need. Application for this scholarship aid must be filed with the College by November 1, of the senior year. The *Parents' Confidential Statement* must be filed with the College Scholarship Service by October 1. This scholarship award must be accepted or refused by January 15.

4. A limited number of competitive resident scholarships are awarded each year to exceptionally well-qualified *April Decision* applicants who have financial need. Applications for this scholarship aid must be filed with the College by January 15, of the senior year. *The Parents' Confidential Statement* should be filed with the College Scholarship Service by December 15, in order to be received at Newton College by January 15.

5. Non-competitive scholarships are awarded each year to *day-student* applicants who meet the entrance requirements of the College

and who need financial assistance. Application for this scholarship must be filed with the College at the time application for admission is made, not later than January 15.

6. Non-competitive scholarships up to \$3,000.00 in value over three years are awarded each year to resident and commuting students who need financial assistance and who have demonstrated scholastic ability during their freshman year at Newton College. Application for these scholarships must be filed by March 15, of the freshman year. However, *prior to this date* the student should secure from the College's Financial Aid Office a *Parents' Confidential Statement* form to be filled out by her parents and returned with her scholarship application to the Director of Financial Aid.

The aforesaid scholarships are made possible, either in whole or in part, by the following scholarship funds:

THE NEWTON COLLEGE ALUMNAE SCHOLARSHIP

The Newton College Alumnae of the Sacred Heart offer a partial scholars' aid of \$700, awarded yearly.

THE BARBARA L. BURNS MEMORIAL SCHOLARSHIP

Mr. and Mrs. Charles C. Burns, their friends, and members of the student body of 1963-1964 of Newton College have established a scholarship fund in memory of Barbara L. Burns of the Class of 1964 who died in her junior year. It was the desire of her parents in establishing this fund that other girls be given the opportunity to receive the benefits of the education that they had planned for their daughter, Barbara.

THE MARY CORBETT CAVANAUGH SCHOLARSHIP

The legacy of Mary Corbett Cavanaugh of the Class of 1958 to the College and the gifts given in her memory by members of her class have been used to establish a day student scholarship fund as a memorial to her.

THE GAEL COAKLEY MEMORIAL SCHOLARSHIP

In memory of her husband, Gael Coakley, Dorothy McLoughlin Coakley, an alumna of the Convent of the Sacred Heart, Rochester, and Manhattanville, has inaugurated an endowment fund known as The Gael Coakley Memorial Scholarship Fund. The first donations have been given in the names of Gael Coakley, Jr., Barbara Coakley Lennon, and Mary Hayes Coakley.

THE MAUREEN M. CRONIN MEMORIAL SCHOLARSHIP

In memory of Maureen M. Cronin of the Class of 1952, her parents, her friends and associates at the Lincoln Laboratory, Massachusetts Institute of Technology, have established a scholarship fund.

THE DUCHESNE SCHOLARSHIP

The Duchesne Teachers' Guild maintains a fund to be used for scholarship aid to day students.

THE JOHN R. GILMAN SCHOLARSHIP

In memory of John R. Gilman, formerly a member of the Advisory Board of Newton College of the Sacred Heart, a scholarship fund has been established by the Gilman family.

THE GAIL HIBSCHMAN SCHOLARSHIP

Mr. and Mrs. Maurice Hibschan and their friends have established a scholarship fund in memory of Mr. and Mrs. Hibschan's daughter, Gail, of the Class of 1959, who died in 1967.

THE MARTIN LUTHER KING SCHOLARSHIP

This fund has been established in memory of the great civil rights leader, in order to offer each year the opportunity of a college education to four qualified black students. Applicants for this scholarship must reside outside the Greater Boston area.

CORNELIUS C. MOORE SCHOLARSHIP

This scholarship has been established by Cornelius C. Moore in memory of the departed members of his family: his parents, John J. and Katharine M. Moore; his sister, Mollie K. Moore, and his brothers, William G. and John J. Moore, Jr.

THE JANET STUART SCHOLARSHIP

The Janet Stuart Guild offers a scholars' aid of \$1,500 annually.

THE MICHAEL E. SWEENEY SCHOLARSHIP

The scholars' aid offered by Mr. and Mrs. Michael E. Sweeney is awarded yearly to a day student.

THE MASSACHUSETTS CATHOLIC WOMEN'S GUILD SCHOLARSHIP

The Massachusetts Catholic Women's Guild offers a scholarship of \$230 a year to a day student who is the daughter or sister of a member of the Guild. If no such applicant qualifies academically, it may be assigned to any qualified candidate for a scholarship.

FELLOWSHIPS

THE SISTER GABRIELLE HUSSON FELLOWSHIP

In honor of Sister Husson, President of the College from 1956 to 1969, all those who worked with her during those years have established a fund from which a grant of \$500 or more will be made annually to a member of the graduating class to help launch or sustain a project for fulfilling some contemporary human need. Those to whom the awards are made must themselves be personally involved in and committed to this project in some way.

STUDENT EMPLOYMENT

The College sponsors a student employment program by which students who need financial aid can receive some assistance by working for the College. Correspondence regarding this part-time work should be addressed to the Director of Financial Aid. Applications for student employment must be made by June 1, for the following year's assignments.

LOANS

Newton College of the Sacred Heart cooperates with the various States in their guaranteed loan programs and with the United Student Aid Funds, Inc. Information regarding the terms and conditions of these loans may be secured from the Director of Financial Aid or from the higher education division of the State in which you reside. Newton College plans to participate in the National Defense Student Loan Program by the 1970-71 academic year.

GRADUATE COUNSELING AND PLACEMENT CENTER

The Graduate Counseling and Placement Center offers assistance to Seniors and Alumnae in planning for positions. Seniors are encouraged to register with the Graduate Counseling and Placement Center. Complete credentials of registrants, including confidential recommendations from Faculty members and past employers, will remain permanently on file and will be forwarded to prospective employers or educational institutions upon request.

ALUMNAE ASSOCIATION OF NEWTON COLLEGE OF THE SACRED HEART

OFFICERS

MISS NANCY M. BOWDRING, *President*
4 Warner Street, West Somerville, Massachusetts, 02144

MRS. DENIS J. RILEY, *Vice-President*
25 Otis Street, Norwich, Connecticut, 06360

MRS. BERNARD J. DWYER, *Secretary*
505 Veterans of Foreign Wars Parkway
Brookline, Massachusetts, 02167

MISS PATRICIA LEARY, *Treasurer*
15 Woodsum Drive, Braintree, Massachusetts, 02184

MEMBERS OF THE BOARD

MRS. JEFFREY M. DONAHUE, *President*, Boston Club
1 Bennett Road, Wayland, Massachusetts, 01778

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1255 Sandburg Terrace, Chicago, Illinois, 60611

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94 Plymouth Lane, Manchester, Connecticut 06040

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174 Trinity Place, West Hempstead, New York, 11552

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735 County Line Road, Villanova, Pennsylvania, 19087

MRS. KENNETH B. HOBSON, *President*, Providence Club
707 Washington Street, Coventry, Rhode Island, 02186

MISS MAUREEN HARNISCH, *President*, Washington Club
4540 MacArthur Boulevard, Apt. 304, Washington, D.C., 20007

MRS. ARTHUR R. FALVEY, JR.
5 Wingate Road, Wellesley, Massachusetts, 02181

MRS. WALTER D. FLANAGAN
40 Pierce Avenue, Bridgeport, Connecticut

MRS. W. F. ATLEE HARVEY
459 Rockland Road, Marion, Pennsylvania, 19066

MRS. KEVIN M. HEALY
175 Coggeshoal Avenue, Newport, Rhode Island, 02840

MISS JULIA M. LAMY
9530 Ladue Road, St. Louis, Missouri, 63124

MRS. RICHARD R. McCONNELL
5347 Azalea Street, Kalamazoo, Michigan, 49001

MRS. ROBERT N. SHEEHY
9 Windsor Lane, Willingboro, New Jersey, 08046

MRS. JOSEPH L. WIECZYNSKI
2525 Middleton Beach Road, Middleton, Wisconsin, 46321

GIFTS AND BEQUESTS

Newton College is one of the youngest members of the group of schools which have made New England an educational center of the country. Its needs are many. Therefore, its Trustees will welcome gifts, bequests, or awards which may be dedicated to general educational needs, or to the endowment of professorships, scholarships or fellowships in accordance with the wishes of the donor. Such funds could constitute memorials to the donor or to any person whom he may name. These benefactions may take the form of:

UNRESTRICTED GIFT

I give and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, the sum of \$. to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees thereof may direct.

OR GIFT FOR BOOKS

I give, devise and bequest to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, the sum of \$. (or property herein described) to be known as the. Book Fund, and the income therefrom shall be used for the purchase of books for the library of said College (or other needed items in the operation of the College).

OR RESIDUARY GIFT

All the rest, residue and remainder of my real and personal estate, I devise and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees thereof may direct.

OR ENDOWMENT FUND

I give and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, \$. to constitute an endowment fund to be known as the. Fund, such fund to be invested by the Trustees of Newton College of the Sacred Heart and the annual income thereof to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees may direct or to be used for the following purposes:

NOTE: The above forms are offered as a suggestion only and should be rewritten or adapted by legal counsel to each specific case.

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Alumnae Profile

CLASS OF 1968

Degree recipients	190
Major fields of study	18
American studies, art, art history, biology, chemistry, economics, English, French, history, mathematics, modern languages, philosophy, political science, pre-medical studies, psychology, Russian, sociology, and Spanish.	
Enrolled in graduate and professional schools.....	30%

Some schools attended:

Boston College Graduate School of Arts and Sciences, Boston College Law School, Boston University Graduate School of Arts and Sciences, Boston University Law School, Brown University, Buffalo State University, Columbia University, Fordham University, George Washington University, Harvard University, Manhattanville College, Middlebury College, New York Medical College, New York University, Northeastern University, Radcliffe College, Rutgers University School for International Training, Temple University, the Universities of Connecticut, Edinburgh, North Carolina, Southern California, Virginia and Wisconsin, and Xavier University.

Some positions filled:

Advertising copywriter, social welfare worker, teacher of emotionally disturbed children, Blue Cross computer translator, mathematics teacher, research assistant, psychiatric social worker, science teacher, fashion coordinator, news writer, publications art editor, science instructor, TWA stewardess, biology teacher, London sales assistant, art teacher, credit reporter, management trainee, editorial assistant, director of hospital admissions, employment counselor, psychiatric nurse, bank auditor, investment advisor, personnel interviewer, sales coordinator, college assistant admissions director, Harvard Law School administrative assistant, insurance policy writer, model, assistant buyer, urban intern, IBM data processor, case-aide worker for Catholic Charities.

Applicant Profile

Newton College of the Sacred Heart has a "Rolling Admissions Plan." A student may apply upon completion of her junior year, provided she has taken the required College Entrance Examination Board Tests. The Committee on Admissions meets about once each month and reviews those applications presented with complete credentials. The decision of the Committee is then communicated to the applicant. Newton subscribes to the Candidates Reply Date and, therefore, will not require the accepted applicant's decision before May 1.

Credentials must include the following:

Application for admission, filed before February 15.

High school transcript.

Recommendation from high school principal or guidance counselor.

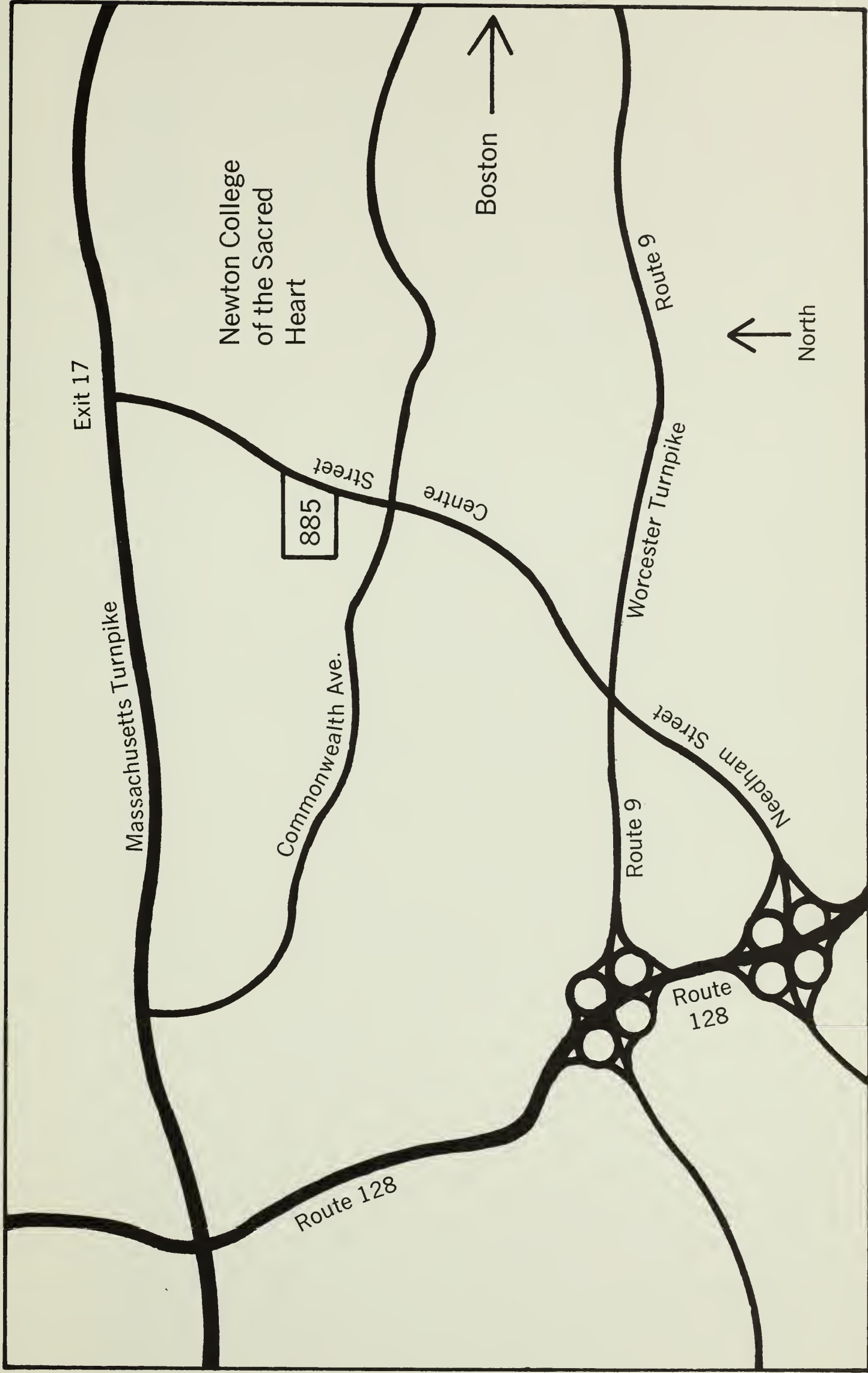
Scores of the CEEB Scholastic Aptitude Test and three Achievement Tests (one of which must be English).

The tests may be taken in the junior year of high school, or in December or January of the senior year; they may also be divided between the two years.

An interview at the College is desirable; it is expected of those applicants who live within a reasonable distance of the campus. The interview may be arranged by letter or telephone call to the Director of Admissions, Newton College of the Sacred Heart, Newton, Massachusetts, 02159 (Tel. 617 332-6700).

Newton also has an "Early Decision Plan." This plan is intended for the student whose record of achievement is very strong, and whose first choice of colleges is Newton. Under this special plan, the applicant must have on file at Newton by November 1 of her senior year an application for admission, a statement obtained from the College that she is an "Early Decision" candidate, all the supporting credentials listed above, and an application for financial aid, if needed.

Early decisions concerning admission and financial aid will be mailed on December 1. The student who is thereby assured of admission is expected to make her decision by January 15. Her deposit of \$150 is due on this date if she wishes to reserve a place in Newton's next freshman class.



Exit 17

Massachusetts Turnpike

Newton College
of the Sacred
Heart

Commonwealth Ave.

885

Street

Centre

Boston →

← North

Worcester Turnpike

Needham Street

Route 9

Route
128

Route 128

